

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118871.D
 Acq On : 10 Feb 2020 15:52
 Operator : CG/JU
 Sample : PB126704BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BL

Quant Time: Feb 11 00:40:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	300103	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1179743	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	705675	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1384939	20.00	ng	0.00
76) Chrysene-d12	13.97	240	1149156	20.00	ng	-0.01
87) Perylene-d12	15.42	264	912264	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2363679	149.09	ng	0.02
7) Phenol-d6	6.46	99	2941824	149.48	ng	0.01
23) Nitrobenzene-d5	7.38	82	2029365	102.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	1333668	157.95	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4007857	101.53	ng	0.00
79) Terphenyl-d14	12.93	244	5492498	98.17	ng	0.00

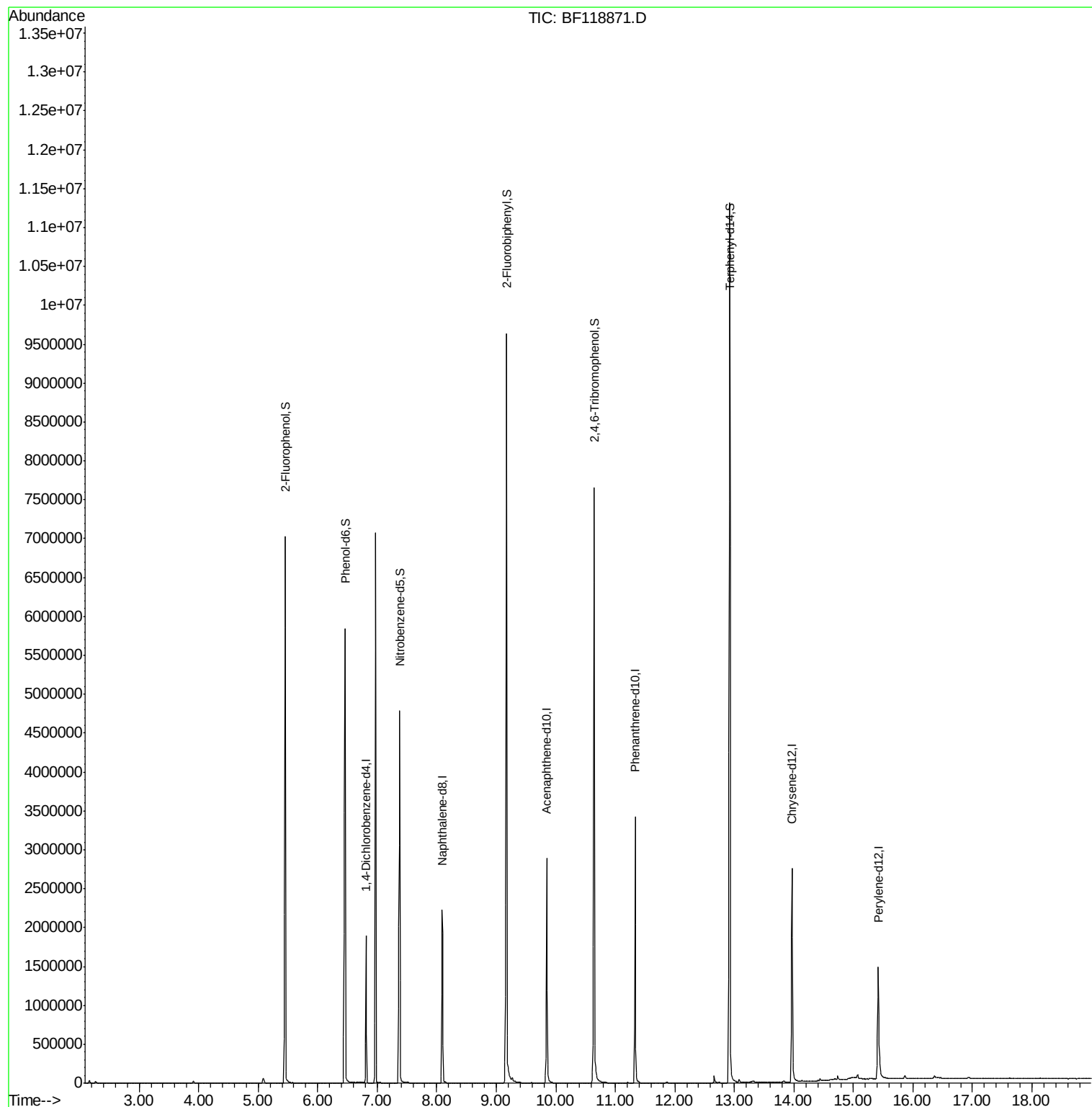
Target Compounds Qvalue

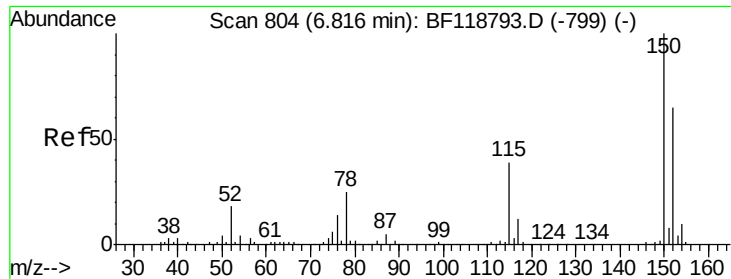
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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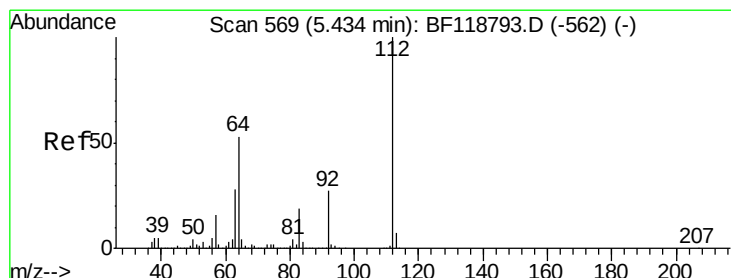
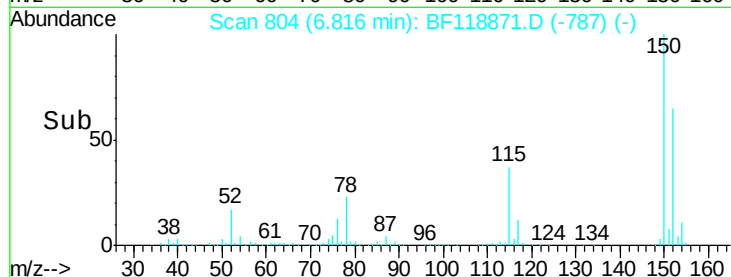
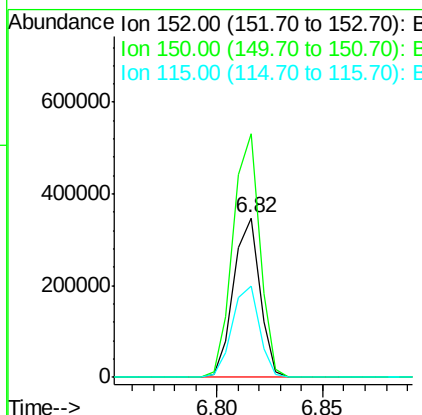
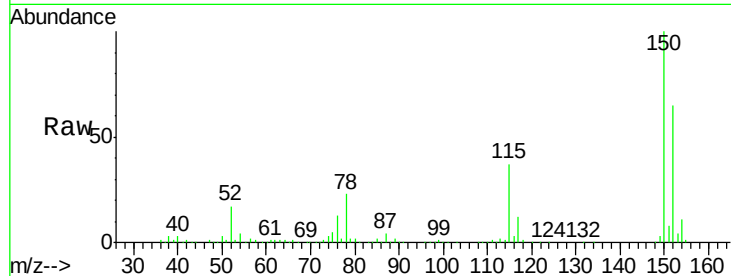




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF118871.D
 Acq: 10 Feb 2020 15:52

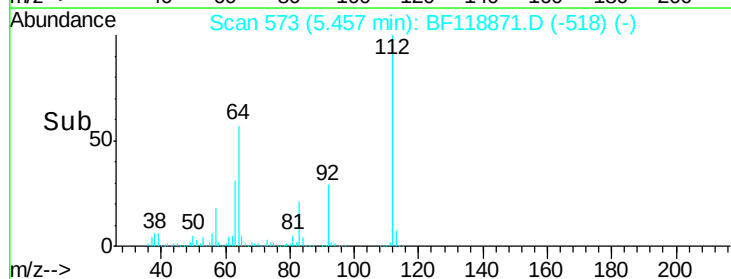
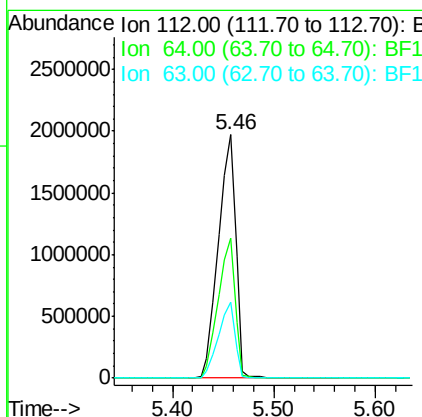
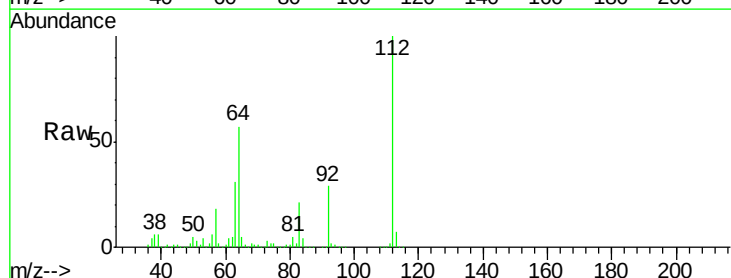
Instrument :
 BNA_F
 ClientSampleId :
 PB126704BL

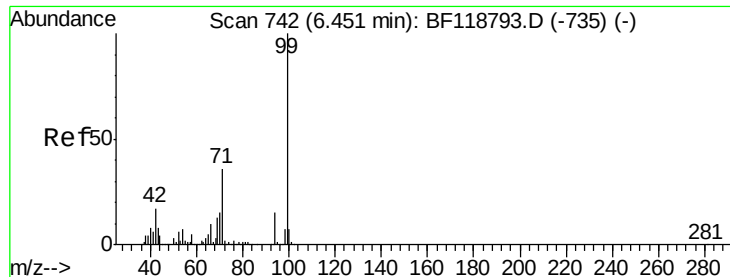
Tot Ion:152 Resp: 300103
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.6 185.4
 115 57.0 48.2 72.2



#5
 2-Fluorophenol
 Concen: 149.091 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF118871.D
 Acq: 10 Feb 2020 15:52

Tgt Ion:112 Resp: 2363679
 Ion Ratio Lower Upper
 112 100
 64 57.4 42.6 63.8
 63 31.1 22.2 33.4





#7

Phenol-d6

Concen: 149.481 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF118871.D

Acq: 10 Feb 2020 15:52

Instrument :

BNA_F

ClientSampleId :

PB126704BL

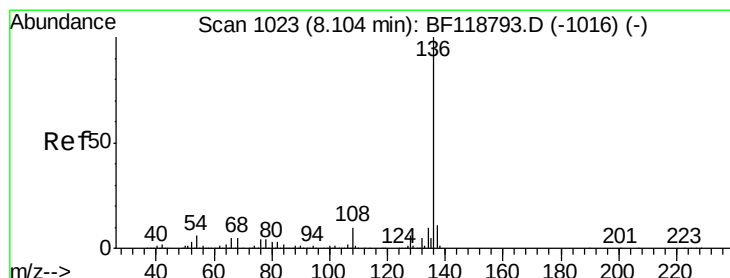
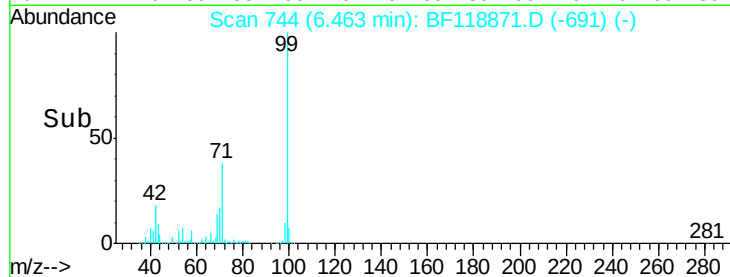
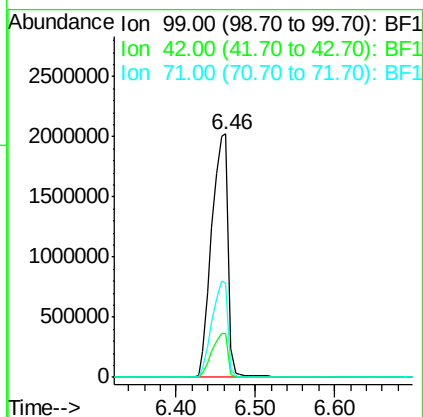
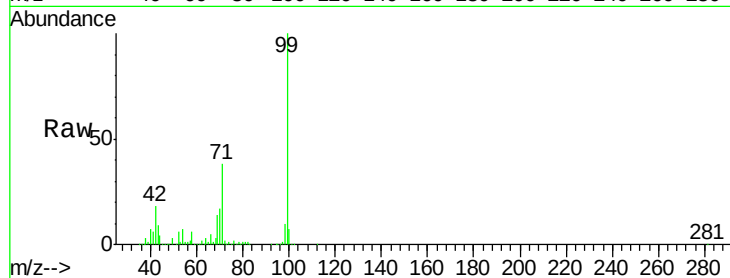
Tot Ion: 99 Resp: 2941824

Ion Ratio Lower Upper

99 100

42 17.9 13.4 20.0

71 38.5 29.0 43.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118871.D

Acq: 10 Feb 2020 15:52

Tgt Ion: 136 Resp: 1179743

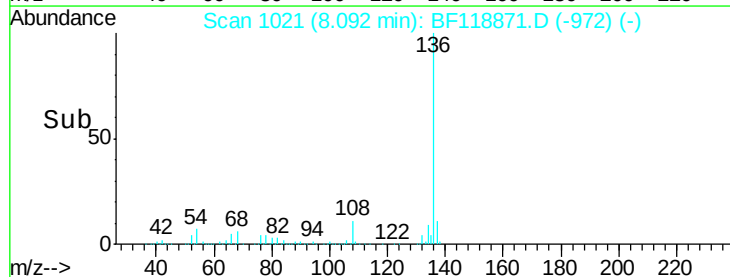
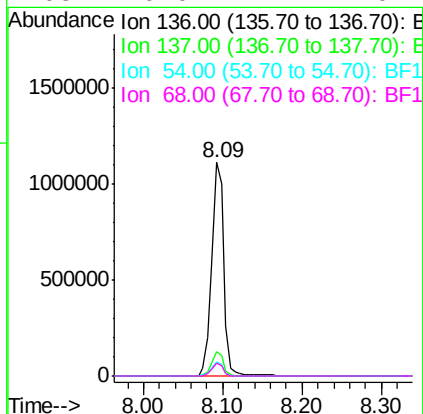
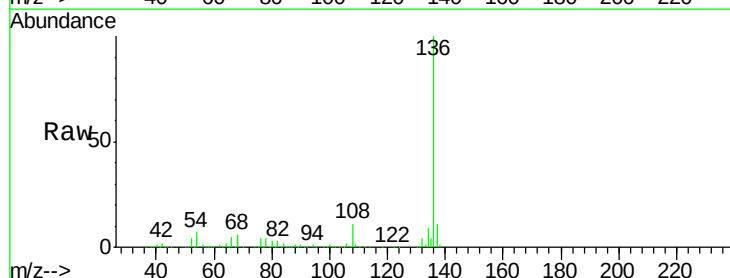
Ion Ratio Lower Upper

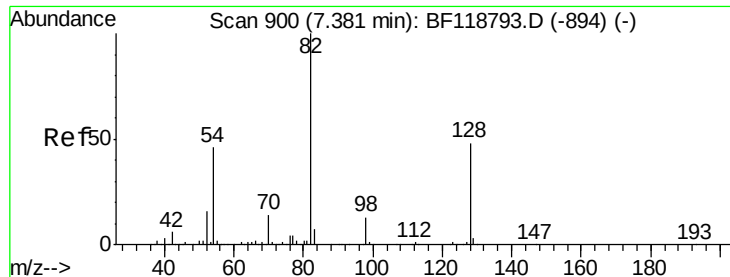
136 100

137 11.3 8.7 13.1

54 6.8 5.0 7.6

68 6.0 4.2 6.4

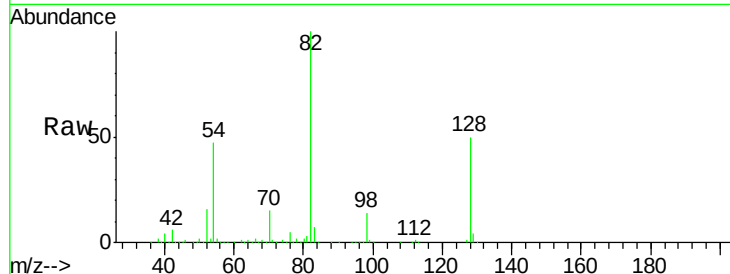




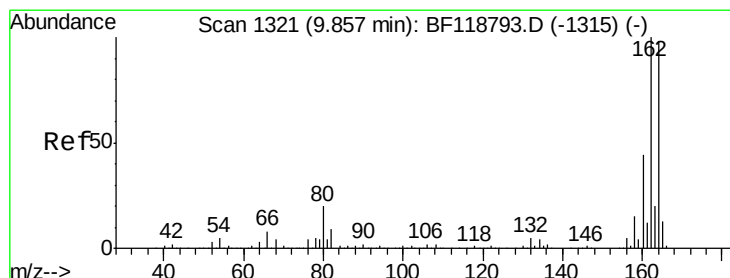
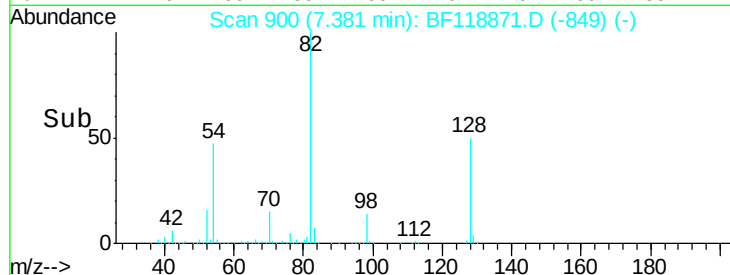
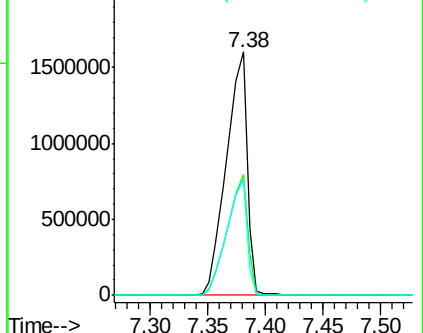
#23
 Nitrobenzene-d5
 Concen: 102.531 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF118871.D
 Acq: 10 Feb 2020 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BL

Tot Ion: 82 Resp: 2029365
 Ion Ratio Lower Upper
 82 100
 128 49.8 38.5 57.7
 54 47.2 36.7 55.1

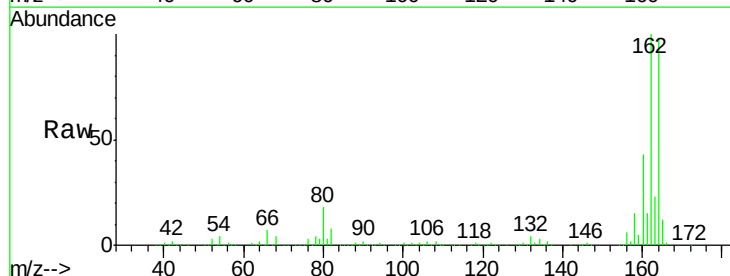


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

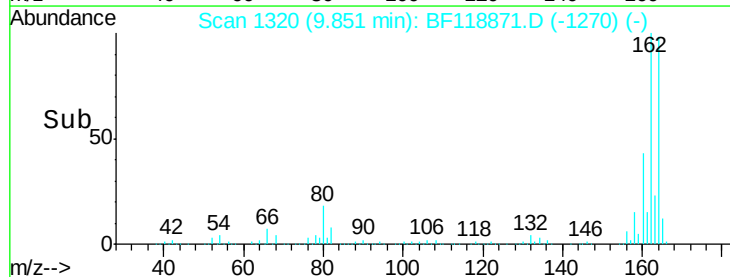
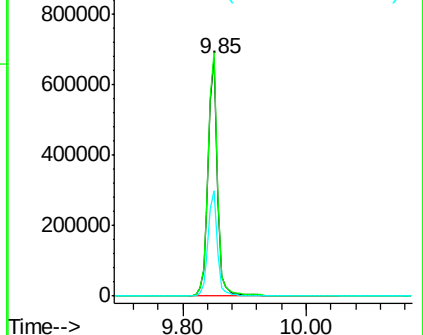


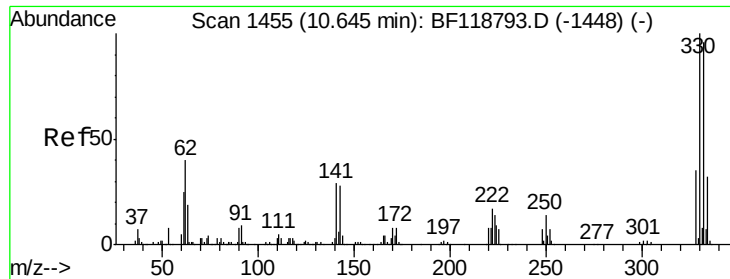
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF118871.D
 Acq: 10 Feb 2020 15:52

Tgt Ion:164 Resp: 705675
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.4 122.2
 160 44.3 35.6 53.4



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

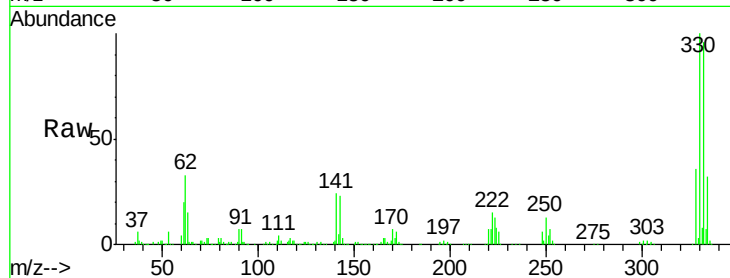




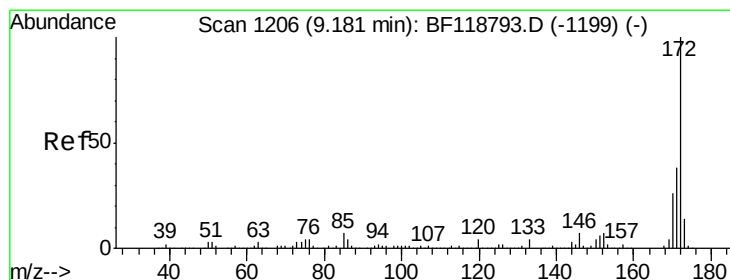
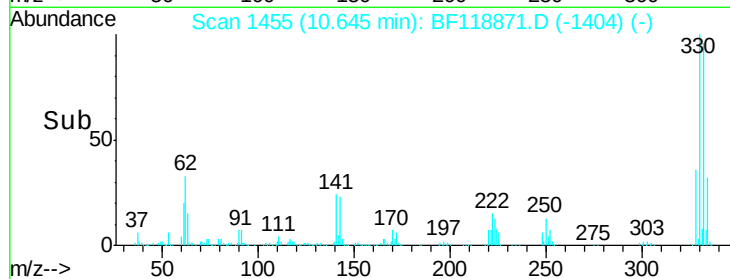
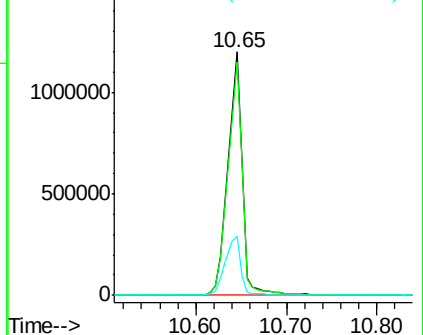
#42
 2,4,6-Tribromophenol
 Concen: 157.950 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF118871.D
 Acq: 10 Feb 2020 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BL

Tot Ion:330 Resp: 1333668
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 26.9 22.4 33.6

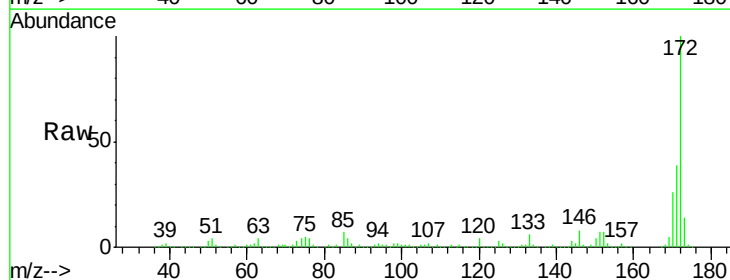


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

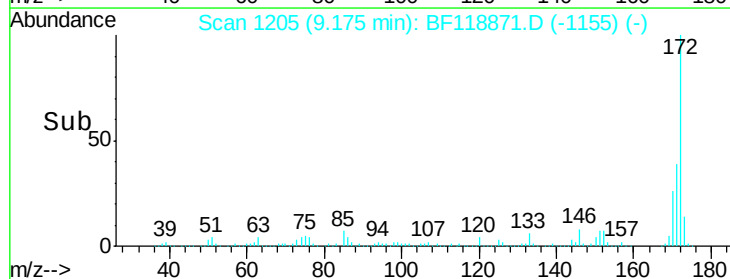
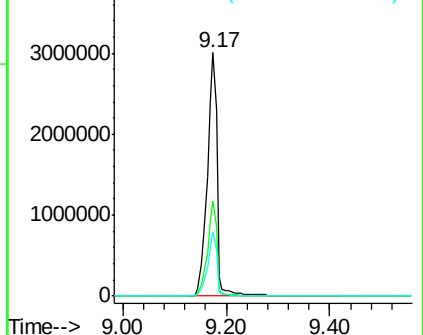


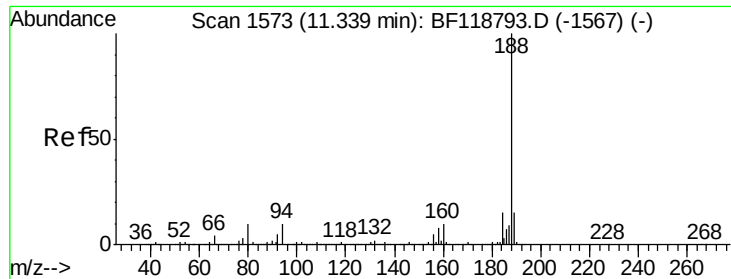
#45
 2-Fluorobiphenyl
 Concen: 101.532 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF118871.D
 Acq: 10 Feb 2020 15:52

Tgt Ion:172 Resp: 4007857
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.8 46.2
 170 26.2 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: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118871.D

Acq: 10 Feb 2020 15:52

Instrument :

BNA_F

ClientSampleId :

PB126704BL

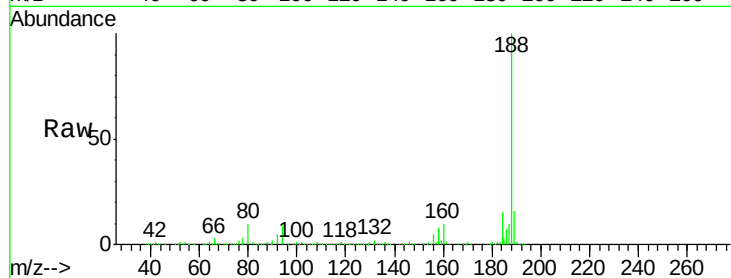
Tot Ion:188 Resp: 1384939

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

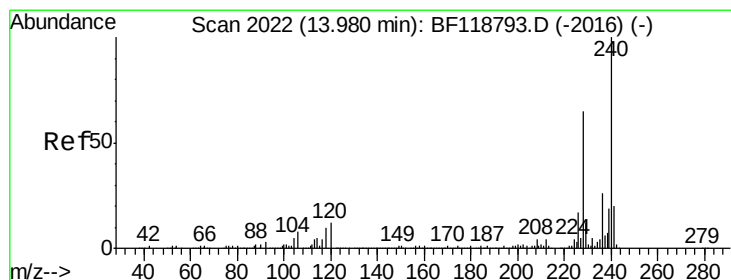
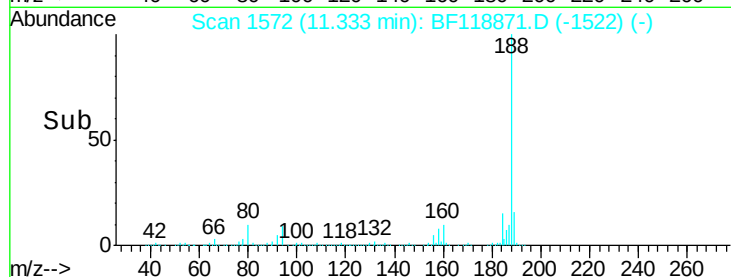
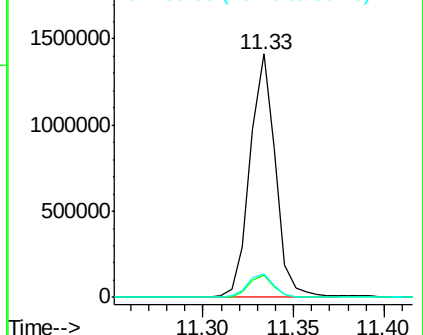
80 9.9 8.4 12.6



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: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF118871.D

Acq: 10 Feb 2020 15:52

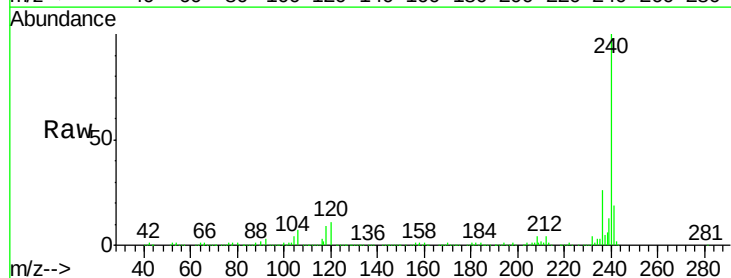
Tgt Ion:240 Resp: 1149156

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.0

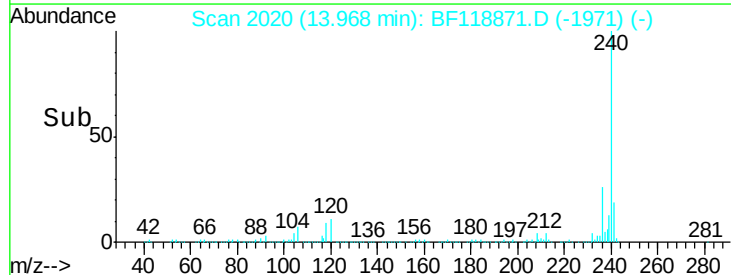
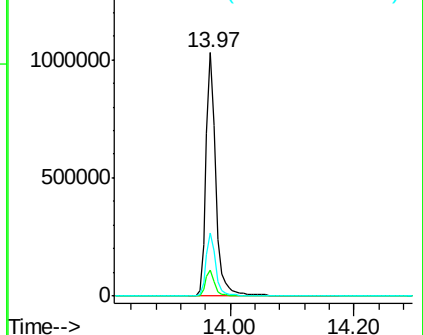
236 26.2 21.0 31.6

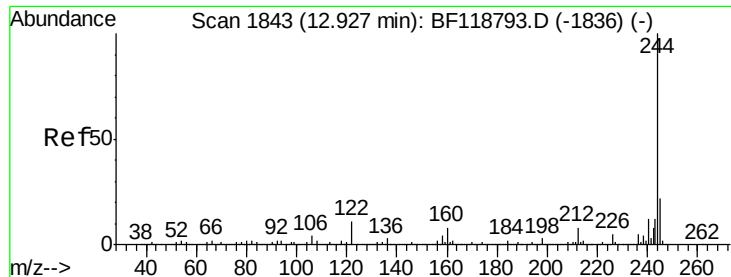


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.175 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF118871.D

Acq: 10 Feb 2020 15:52

Instrument :

BNA_F

ClientSampleId :

PB126704BL

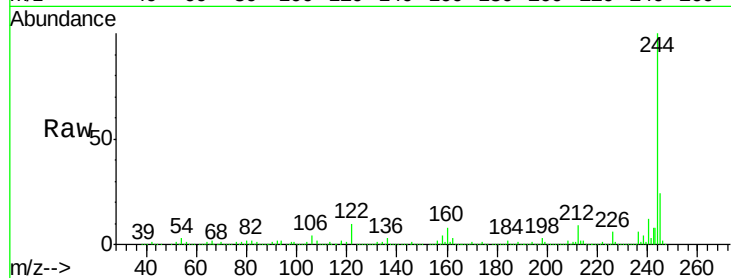
Tot Ion:244 Resp: 5492498

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

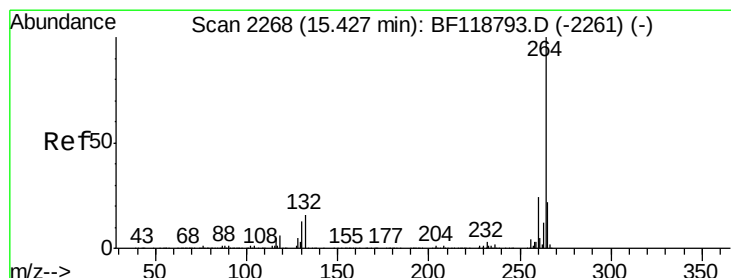
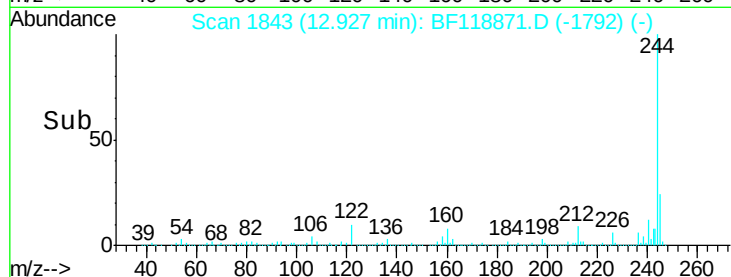
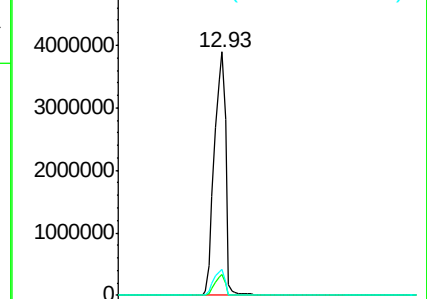
122 10.5 8.9 13.3



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: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118871.D

Acq: 10 Feb 2020 15:52

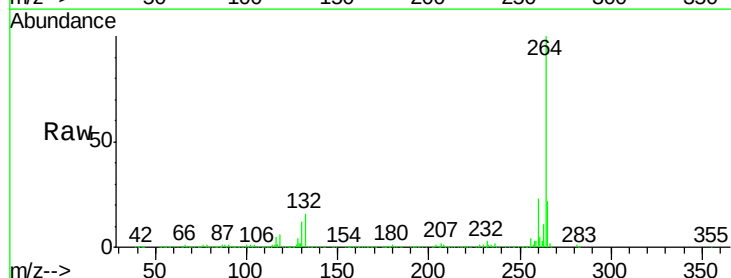
Tgt Ion:264 Resp: 912264

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.6 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

