

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119983.D
 Acq On : 15 Apr 2020 10:31
 Operator : MA/SJ
 Sample : PB128214BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

Quant Time: Apr 15 11:22:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	181442	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	691685	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	374990	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	756033	20.00	ng	0.00
76) Chrysene-d12	13.89	240	610319	20.00	ng	-0.01
87) Perylene-d12	15.31	264	563848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1597184	152.13	ng	0.00
7) Phenol-d6	6.36	99	2020357	149.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	1283006	95.96	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	604784	131.73	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2443983	92.53	ng	0.00
79) Terphenyl-d14	12.85	244	2891702	79.72	ng	0.00

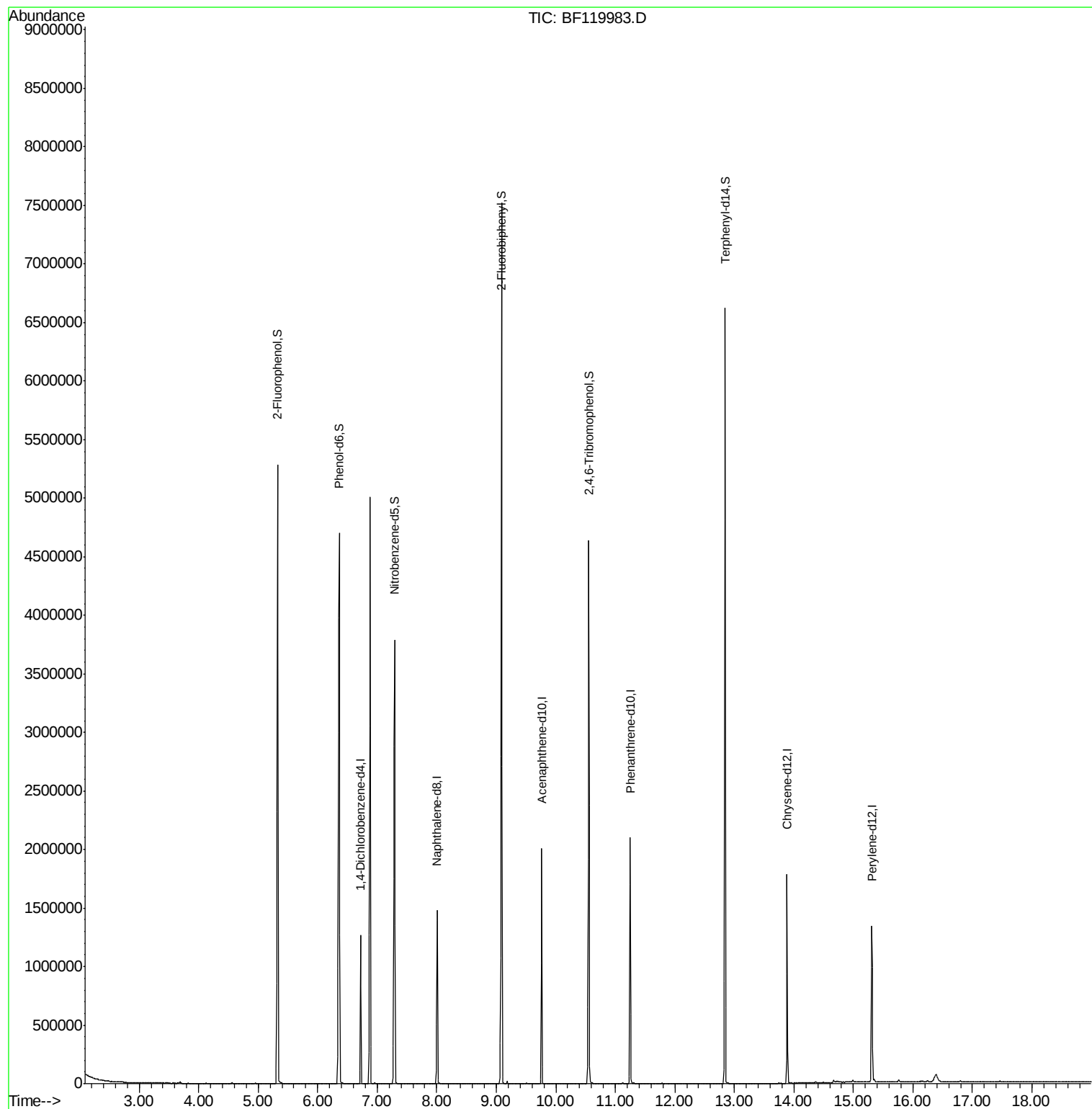
Target Compounds Qvalue

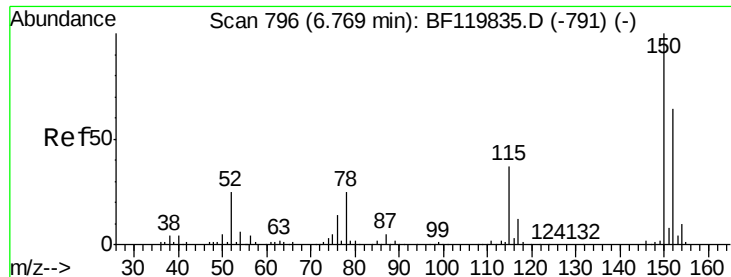
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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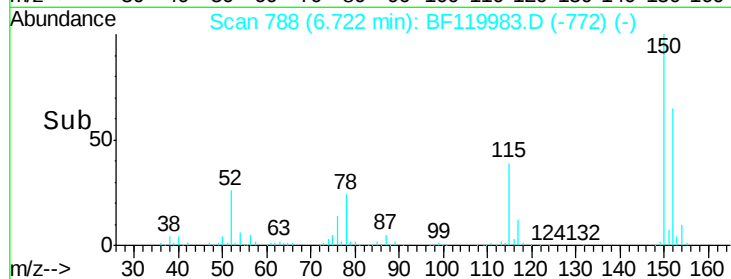
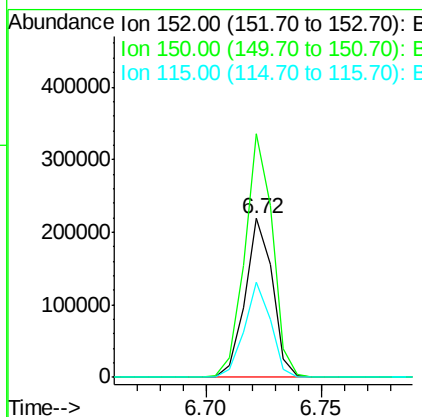
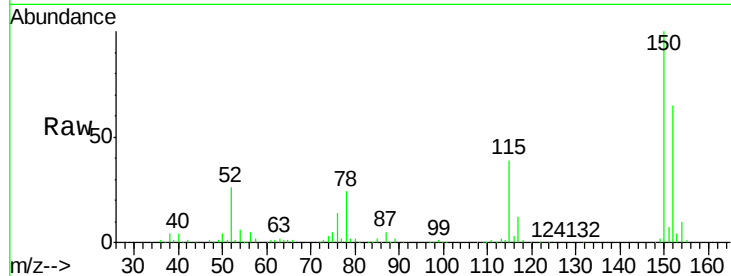


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

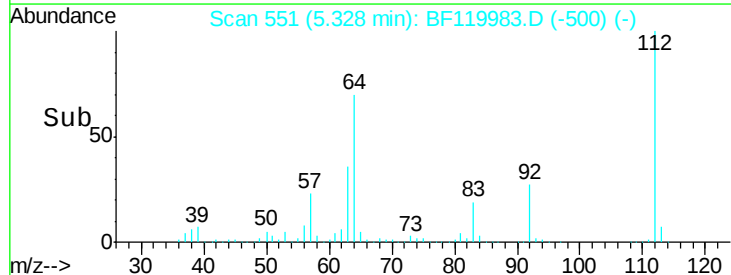
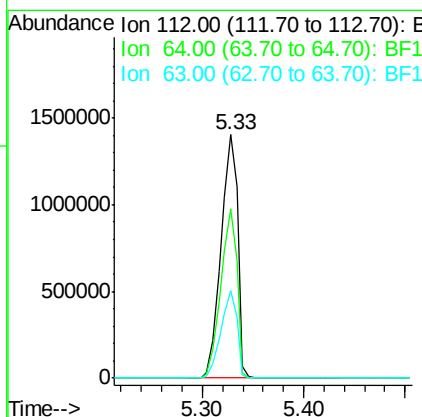
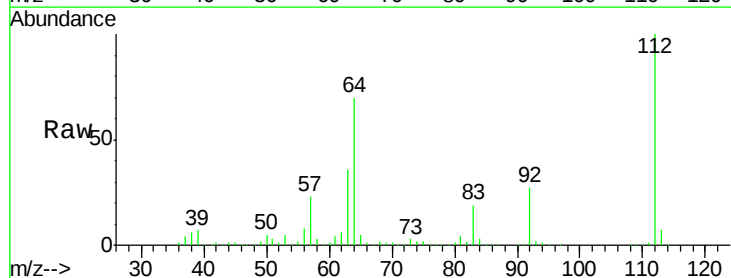
Tot Ion:152 Resp: 181442
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.8 187.2
 115 59.8 46.5 69.7



#5

2-Fluorophenol
 Concen: 152.127 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Tgt Ion:112 Resp: 1597184
 Ion Ratio Lower Upper
 112 100
 64 69.7 55.5 83.3
 63 36.0 29.1 43.7





#7

Phenol-d6

Concen: 149.341 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

Instrument :

BNA_F

ClientSampleId :

PB128214BL

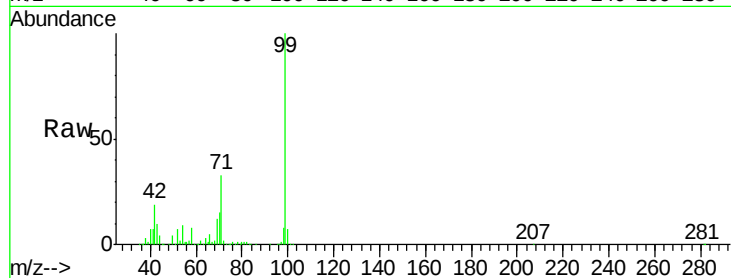
Tot Ion: 99 Resp: 2020357

Ion Ratio Lower Upper

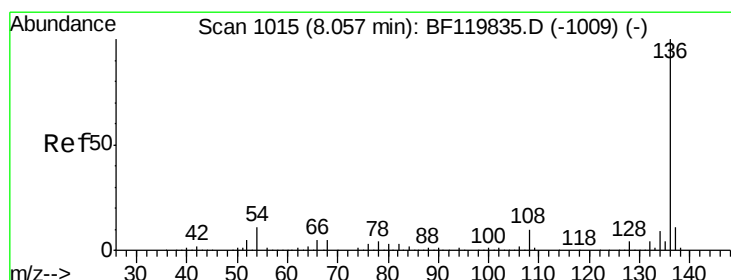
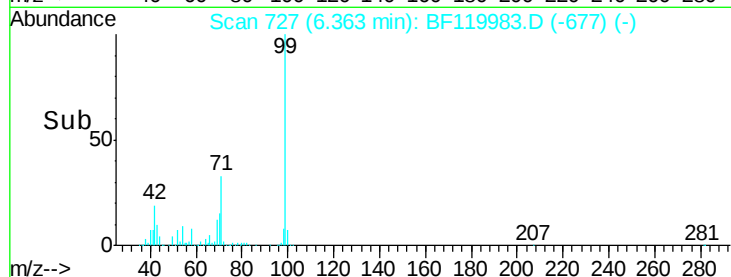
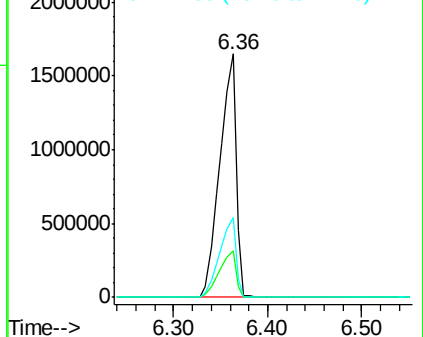
99 100

42 19.1 16.9 25.3

71 32.7 26.3 39.5



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: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF119983.D

Acq: 15 Apr 2020 10:31

Tgt Ion: 136 Resp: 691685

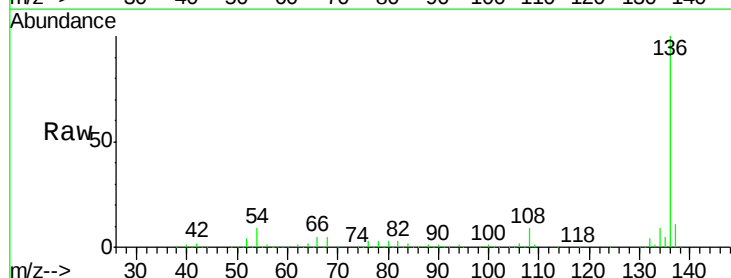
Ion Ratio Lower Upper

136 100

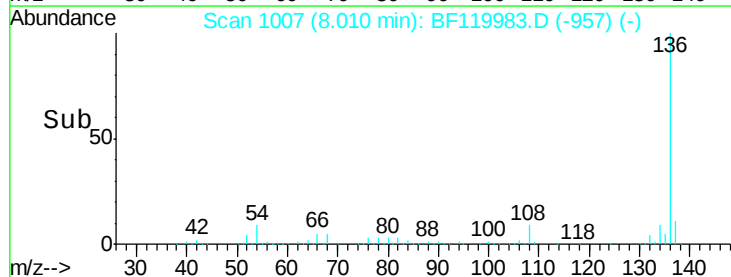
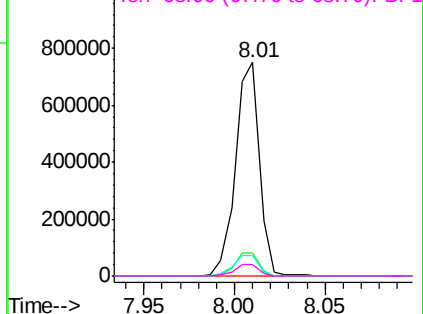
137 10.9 8.7 13.1

54 9.3 8.5 12.7

68 5.2 3.9 5.9



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

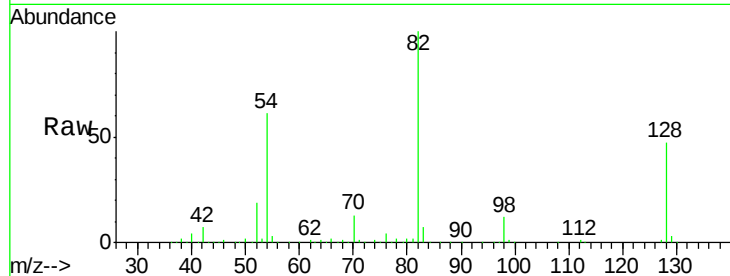




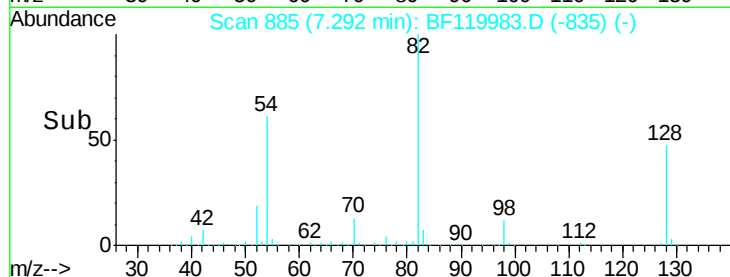
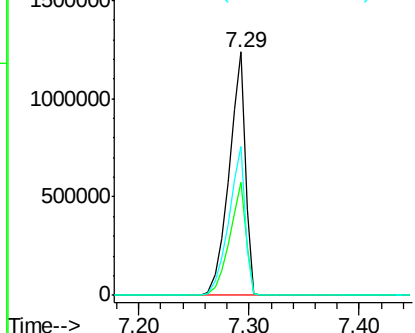
#23
 Nitrobenzene-d5
 Concen: 95.961 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

Tot Ion: 82 Resp: 1283006
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.2 54.4
 54 60.9 50.4 75.6

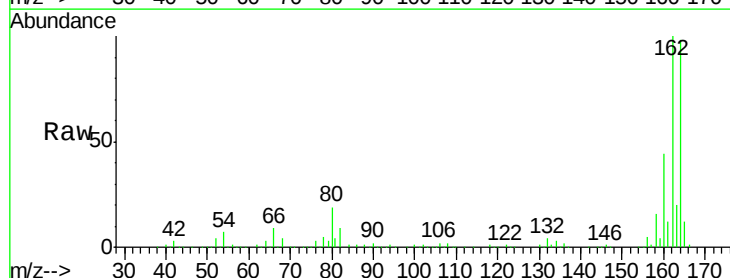


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

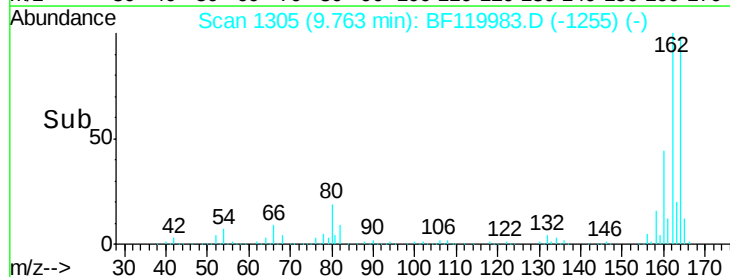
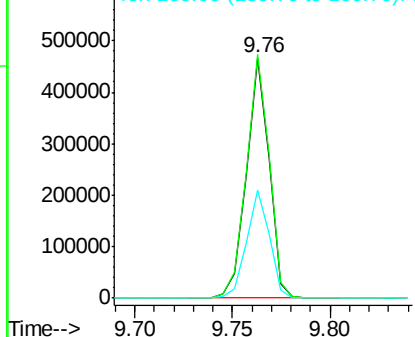


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Tgt Ion:164 Resp: 374990
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.9 122.9
 160 45.1 36.6 54.8



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

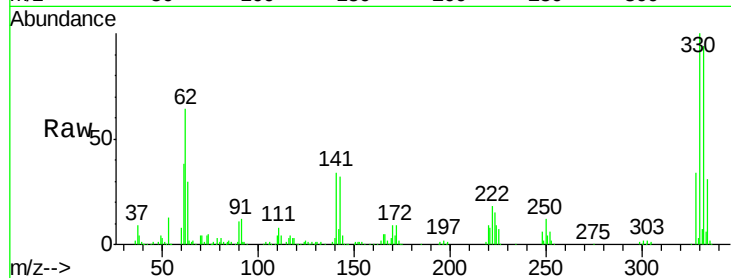




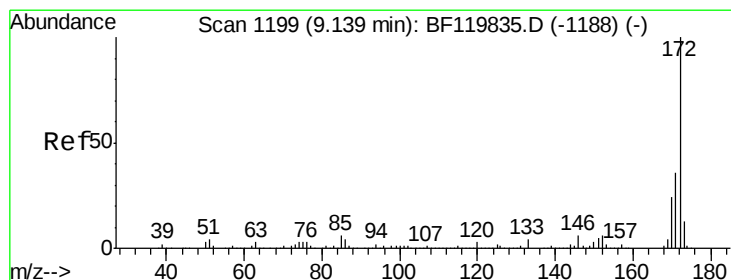
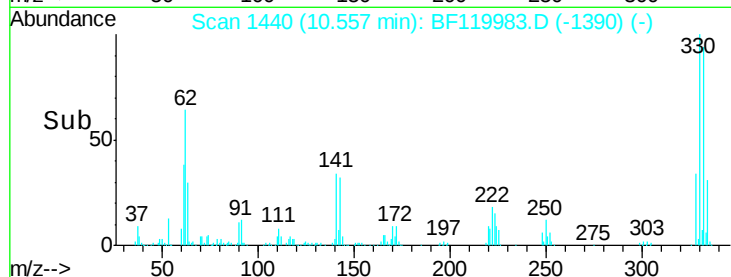
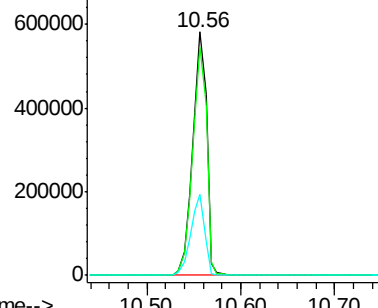
#42
 2,4,6-Tribromophenol
 Concen: 131.728 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	33.1	25.1	37.7

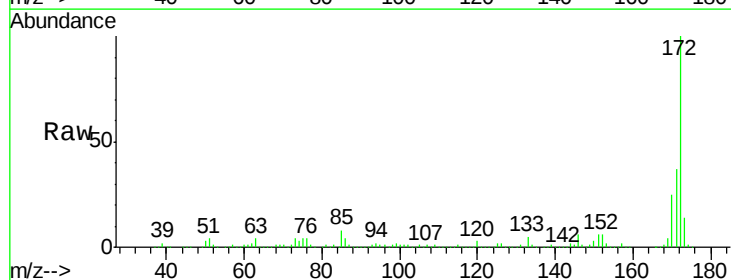


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

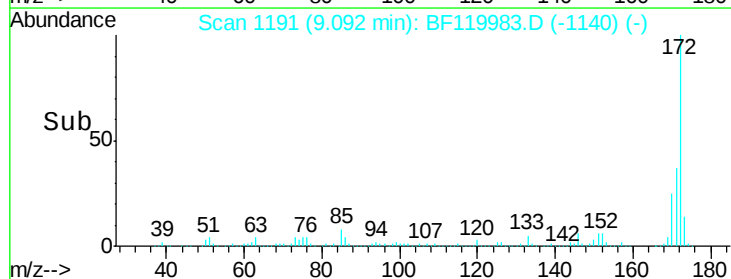
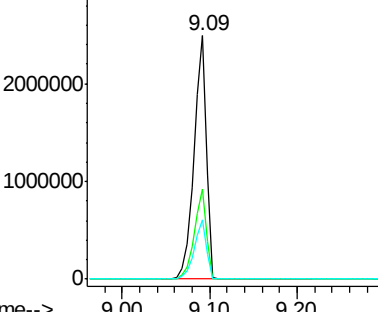


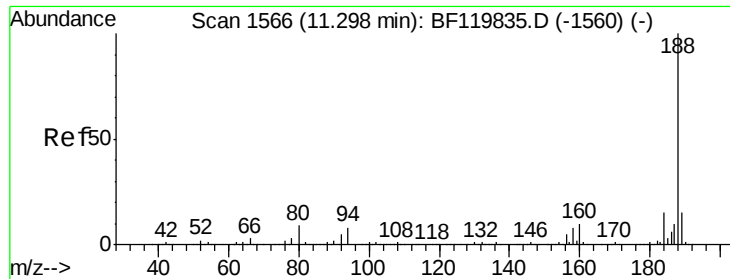
#45
 2-Fluorobiphenyl
 Concen: 92.534 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.6	19.4	29.2



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

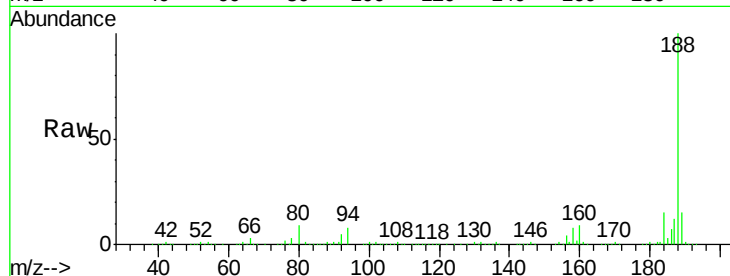




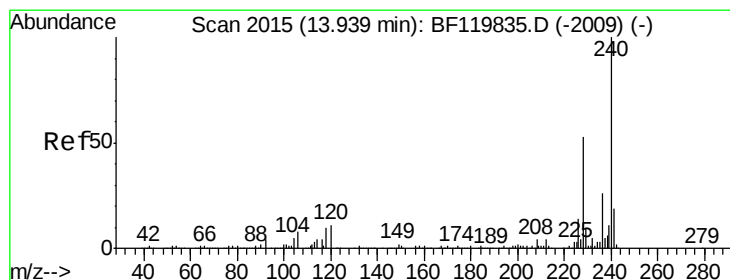
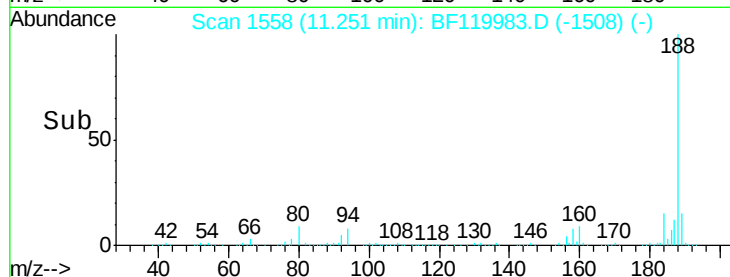
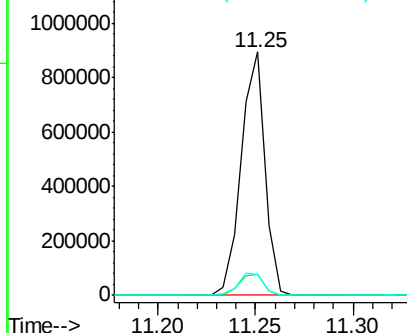
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119983.D
Acq: 15 Apr 2020 10:31

Instrument :
BNA_F
ClientSampleId :
PB128214BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.6	7.4	11.2

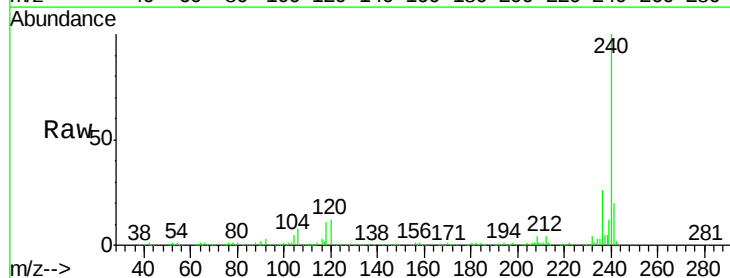


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

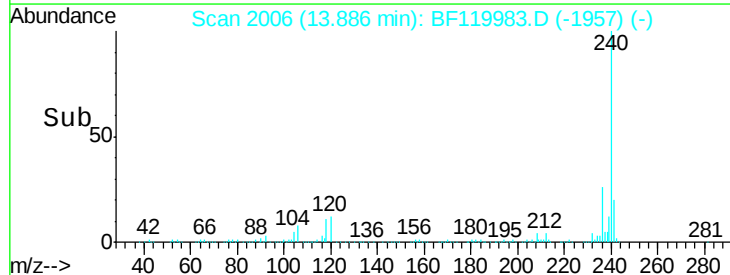
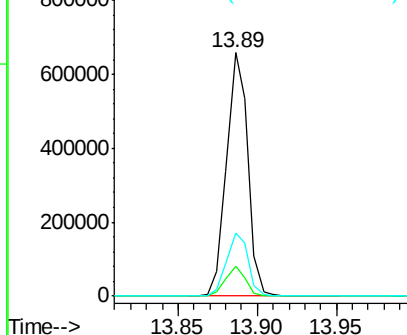


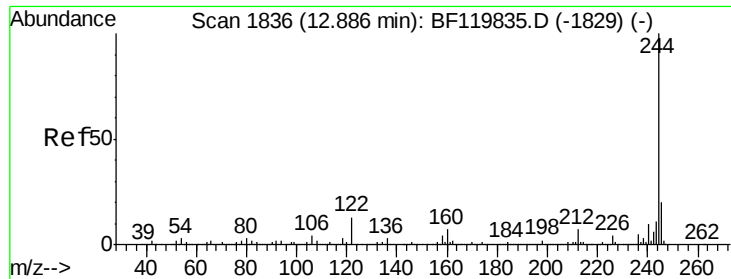
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119983.D
Acq: 15 Apr 2020 10:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.0	13.6
236	26.0	20.7	31.1



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

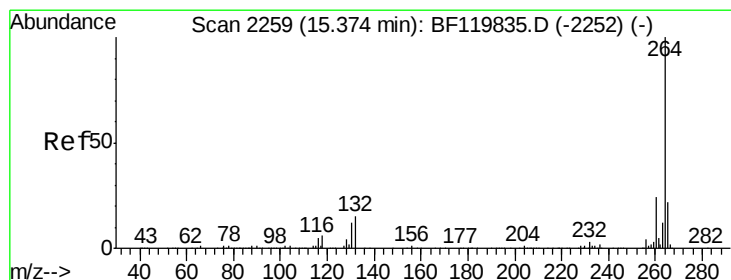
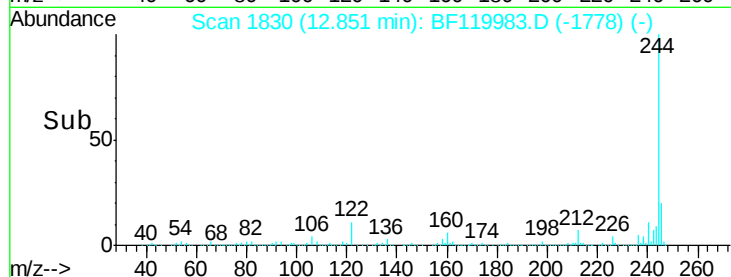
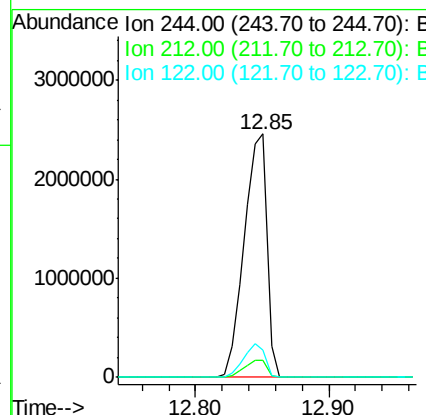
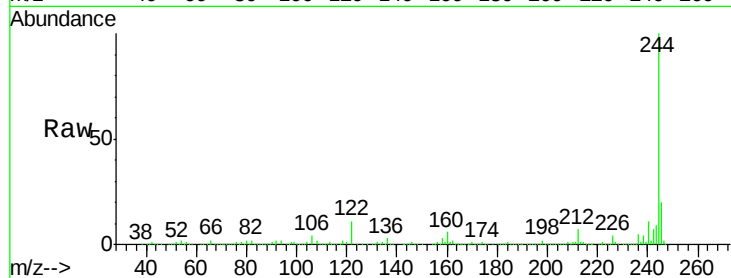




#79
 Terphenyl-d14
 Concen: 79.724 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BL

Tot Ion:244 Resp: 2891702
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.3 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF119983.D
 Acq: 15 Apr 2020 10:31

Tgt Ion:264 Resp: 563848
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.0 17.6 26.4

