

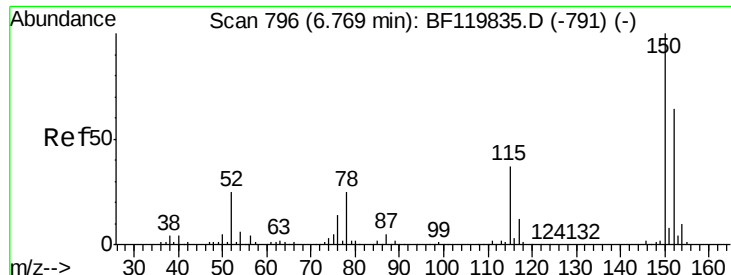
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120254.D
 Acq On : 30 Apr 2020 22:02
 Operator : MA/SJ
 Sample : L2452-07 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 209

Quant Time: May 01 02:40:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	103527	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	392217	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	200191	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	383064	20.00	ng	0.00
76) Chrysene-d12	13.82	240	317517	20.00	ng	0.00
87) Perylene-d12	15.23	264	297754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	123849	20.67	ng	0.01
7) Phenol-d6	6.31	99	157578	20.41	ng	0.00
23) Nitrobenzene-d5	7.21	82	96253	12.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	41029	16.74	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	201806	14.31	ng	0.00
79) Terphenyl-d14	12.76	244	242626	12.86	ng	-0.01
Target Compounds						
71) Phenanthrene	11.20	178	43205	2.119	ng	96
75) Fluoranthene	12.39	202	65074	2.958	ng	96
78) Pyrene	12.62	202	76009	2.840	ng	98
84) Bis(2-ethylhexyl)phthalate	13.81	149	42457	2.414	ng #	98

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

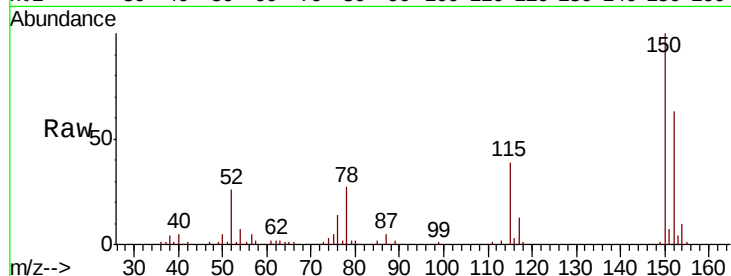


#1

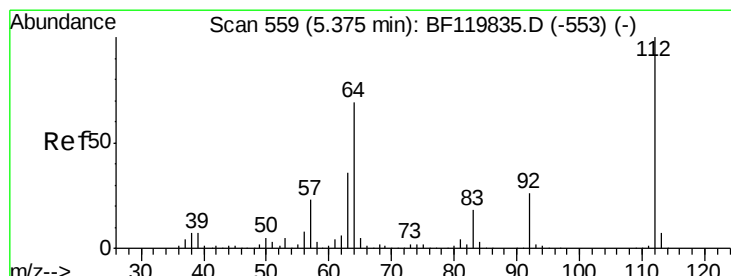
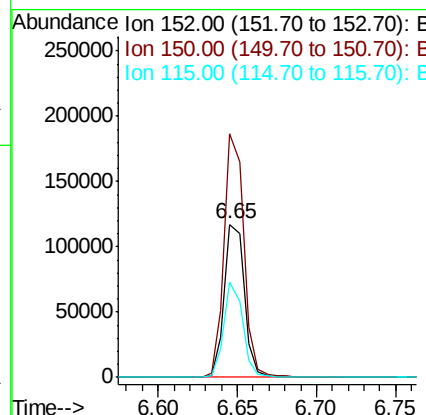
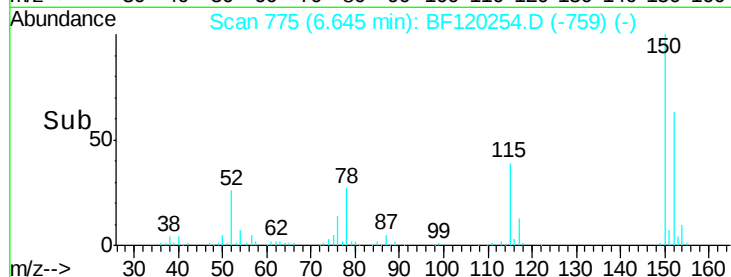
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF120254.D
Acq: 30 Apr 2020 22:02

Instrument :
BNA_F
ClientSampleId :
209

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.5	186.7
115	62.1	49.6	74.4



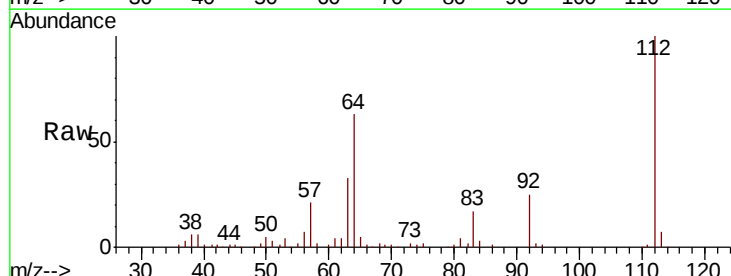
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



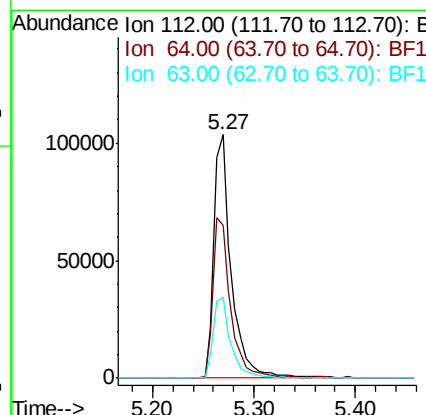
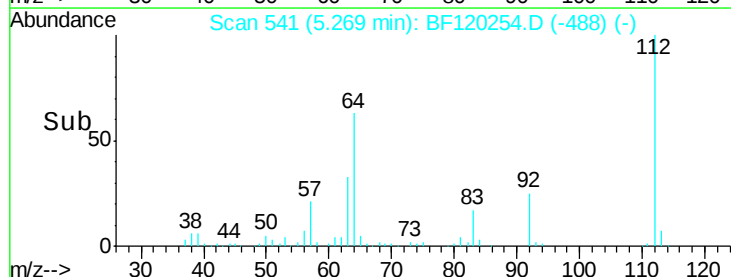
#5

2-Fluorophenol
Concen: 20.674 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120254.D
Acq: 30 Apr 2020 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	56.7	85.1
63	33.4	29.5	44.3



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: 20.414 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF120254.D

Acq: 30 Apr 2020 22:02

Instrument :

BNA_F

ClientSampleId :

209

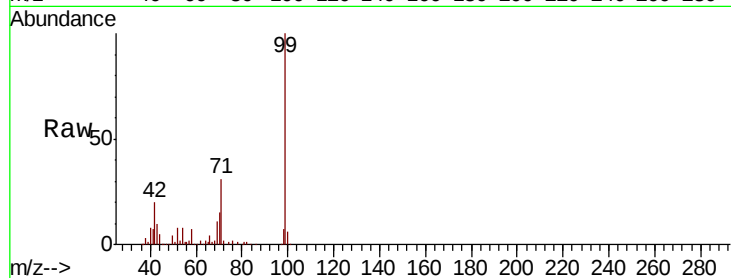
Tot Ion: 99 Resp: 157578

Ion Ratio Lower Upper

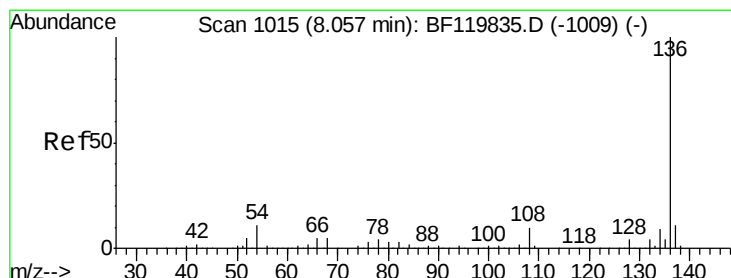
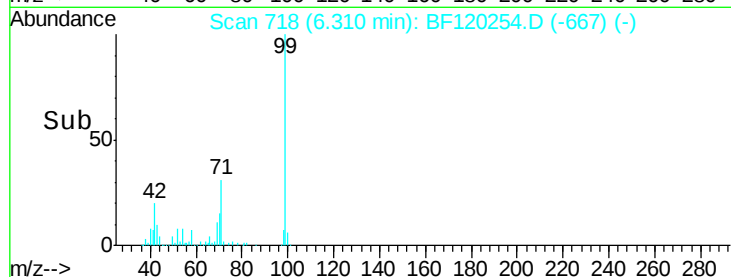
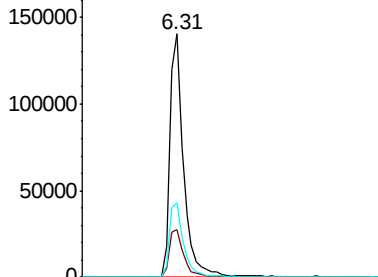
99 100

42 19.6 16.6 24.8

71 30.5 26.4 39.6



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: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120254.D

Acq: 30 Apr 2020 22:02

Tgt Ion: 136 Resp: 392217

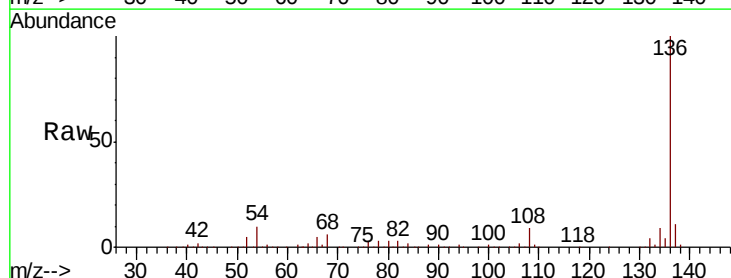
Ion Ratio Lower Upper

136 100

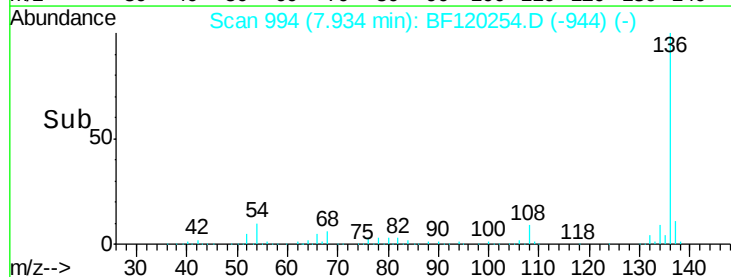
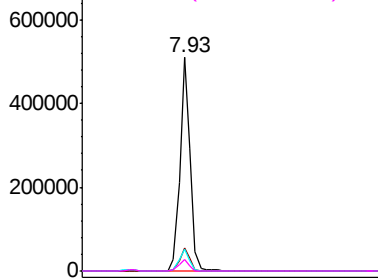
137 10.7 8.7 13.1

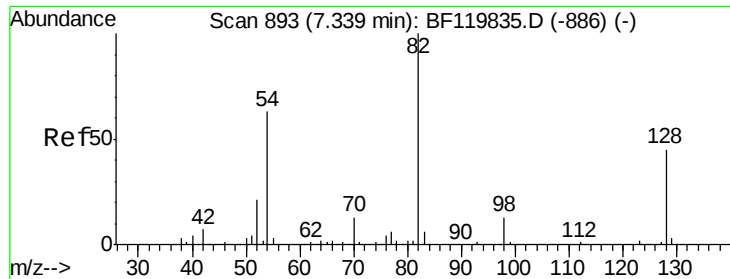
54 10.5 9.1 13.7

68 5.6 4.6 6.8



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

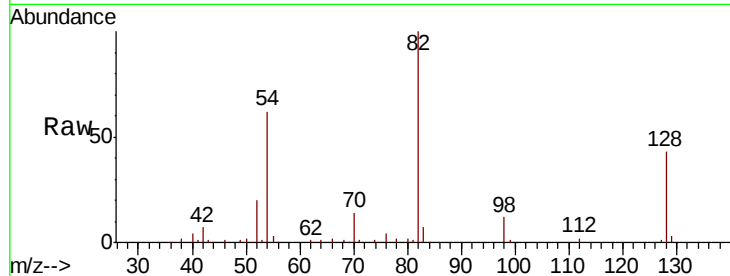




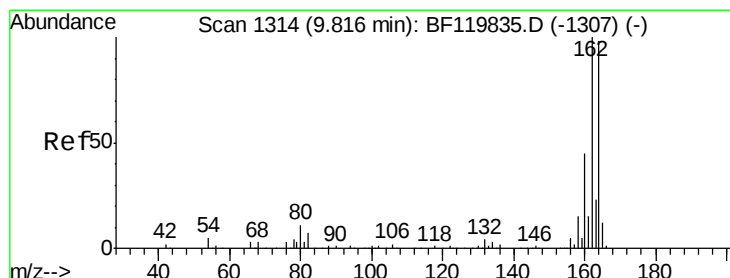
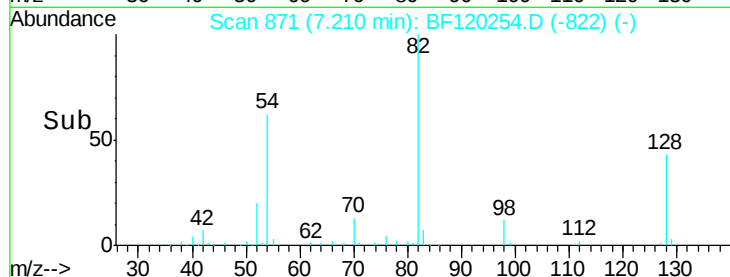
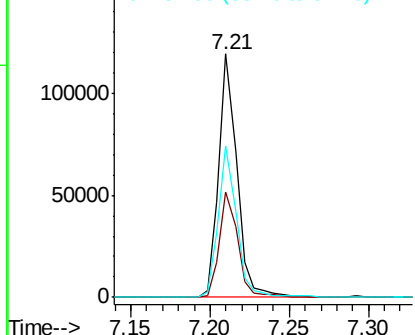
#23
 Nitrobenzene-d5
 Concen: 12.696 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF120254.D
 Acq: 30 Apr 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 209

Tot Ion: 82 Resp: 96253
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.3 54.5
 54 62.1 50.6 75.8

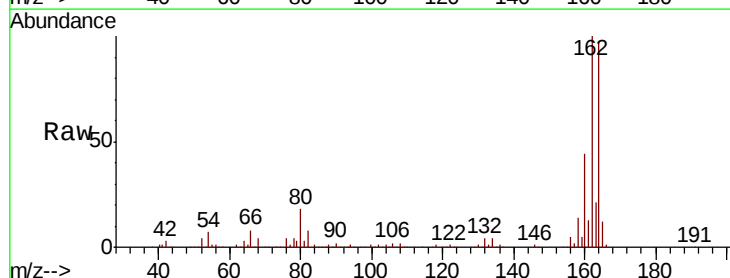


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

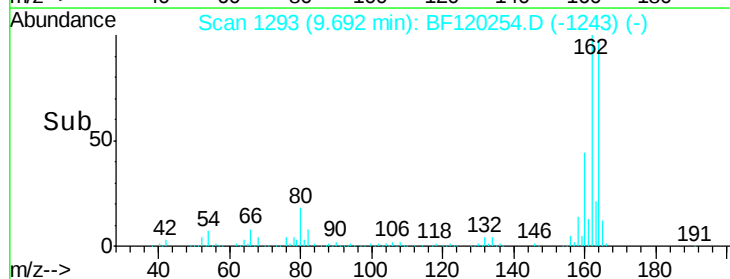
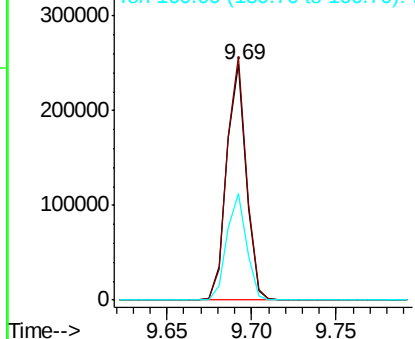


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF120254.D
 Acq: 30 Apr 2020 22:02

Tgt Ion:164 Resp: 200191
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.6 121.0
 160 45.1 35.7 53.5



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

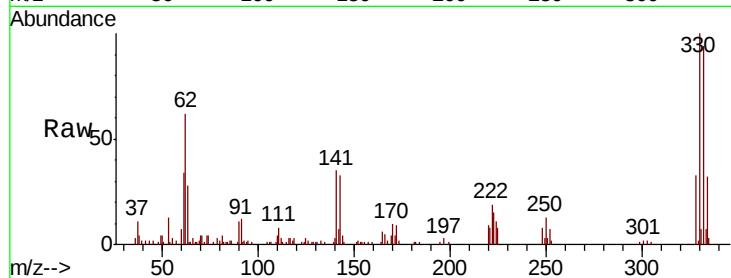




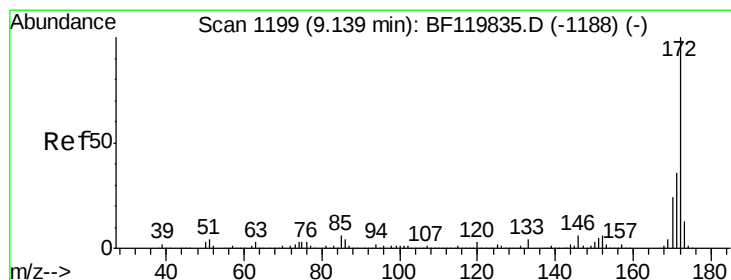
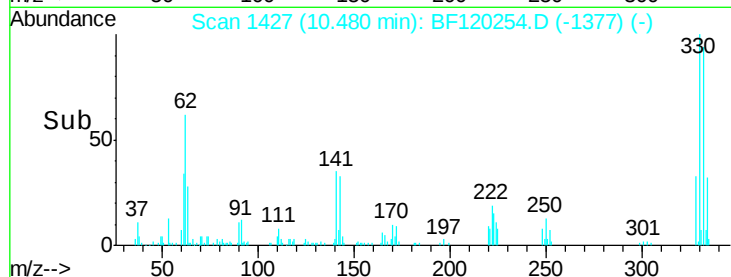
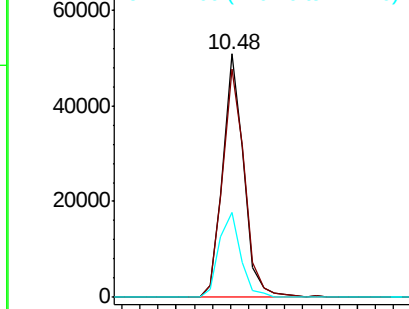
#42
 2,4,6-Tribromophenol
 Concen: 16.740 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120254.D
 Acq: 30 Apr 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 209

Tot Ion:330 Resp: 41029
 Ion Ratio Lower Upper
 330 100
 332 98.2 75.7 113.5
 141 36.0 25.4 38.0

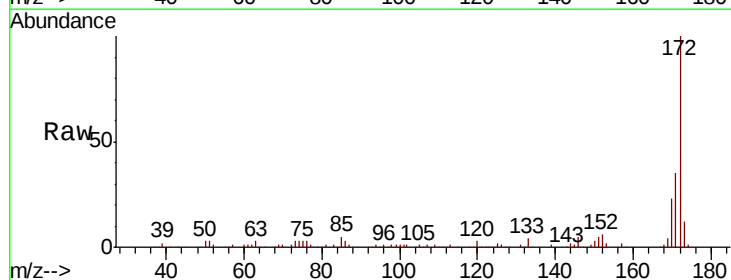


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

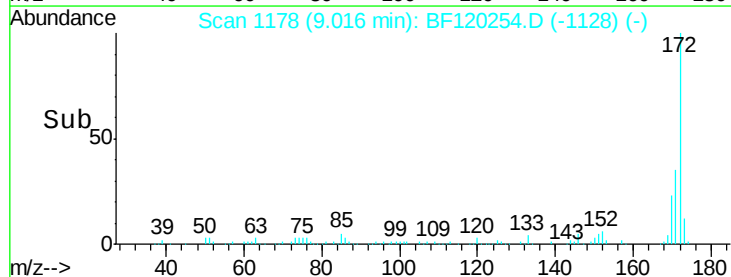
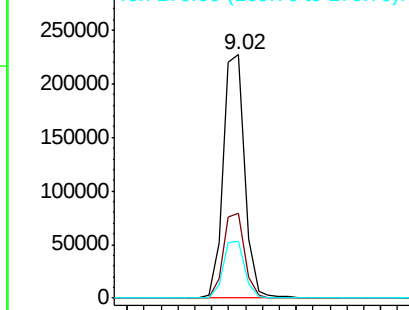


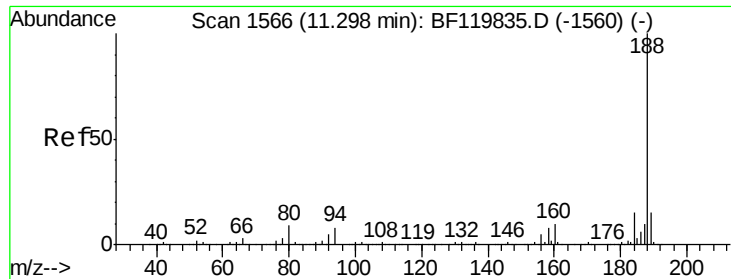
#45
 2-Fluorobiphenyl
 Concen: 14.312 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120254.D
 Acq: 30 Apr 2020 22:02

Tgt Ion:172 Resp: 201806
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 23.2 20.2 30.2



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

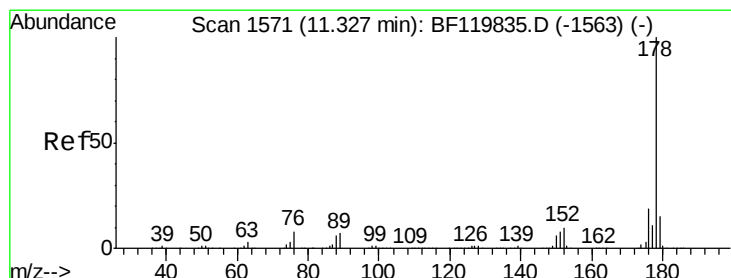
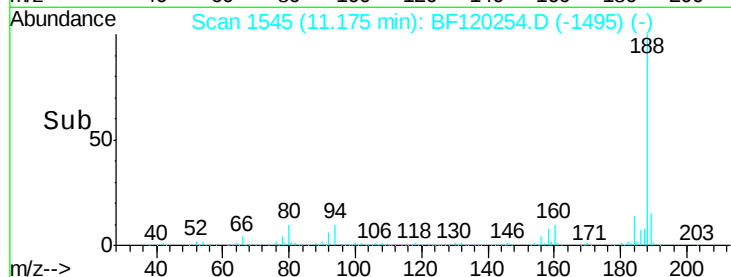
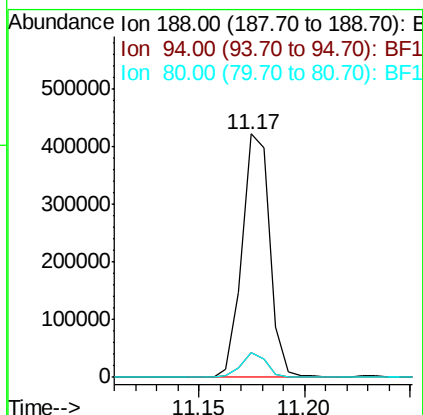
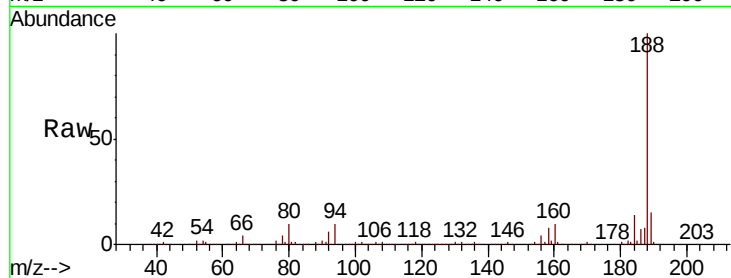




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120254.D
Acq: 30 Apr 2020 22:02

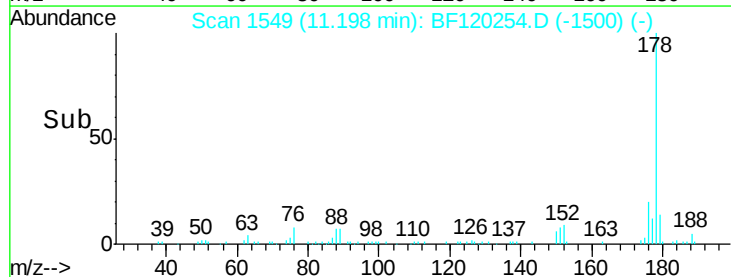
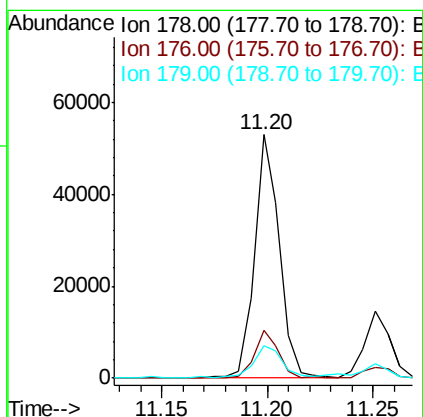
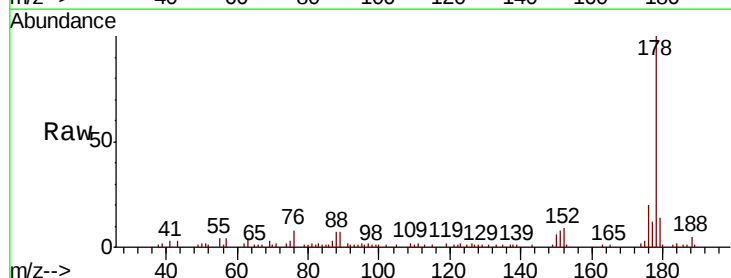
Instrument :
BNA_F
ClientSampled :
209

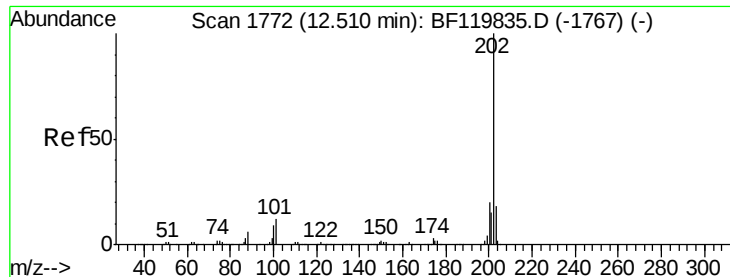
Tot Ion:188 Resp: 383064
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 10.1 9.0 13.4



#71
Phenanthrene
Concen: 2.119 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120254.D
Acq: 30 Apr 2020 22:02

Tgt Ion:178 Resp: 43205
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 13.5 13.2 19.8





#75

Fluoranthene

Concen: 2.958 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF120254.D

Acq: 30 Apr 2020 22:02

Instrument :

BNA_F

ClientSampleId :

209

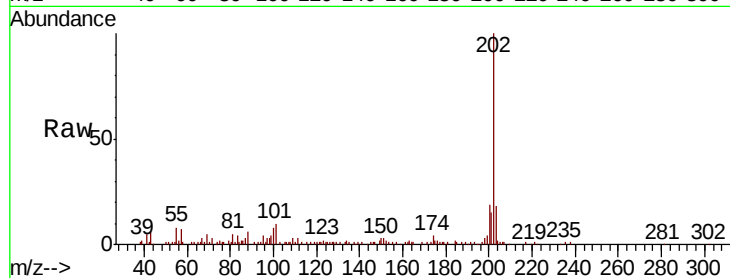
Tot Ion:202 Resp: 65074

Ion Ratio Lower Upper

202 100

101 9.9 0.0 32.2

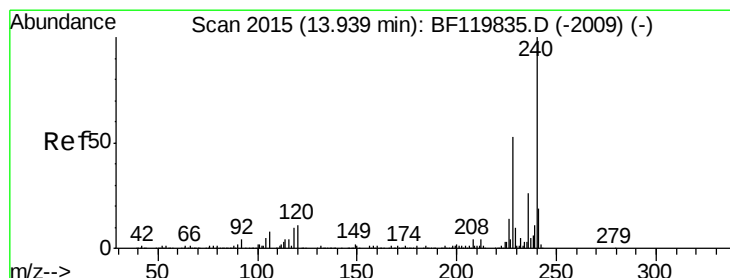
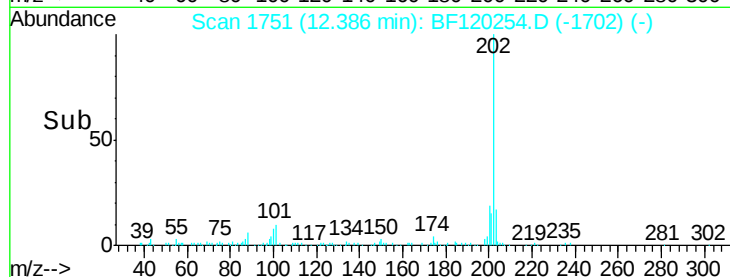
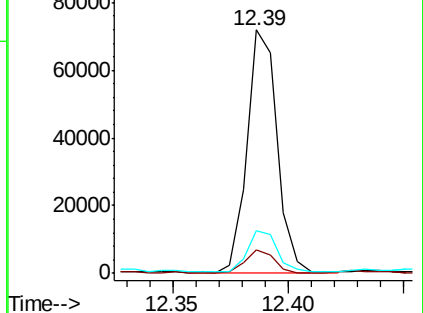
203 17.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120254.D

Acq: 30 Apr 2020 22:02

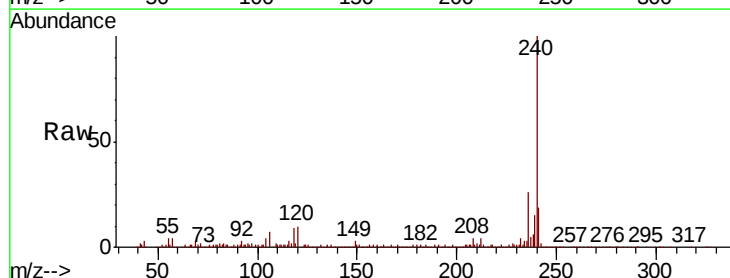
Tgt Ion:240 Resp: 317517

Ion Ratio Lower Upper

240 100

120 9.6 10.6 15.8#

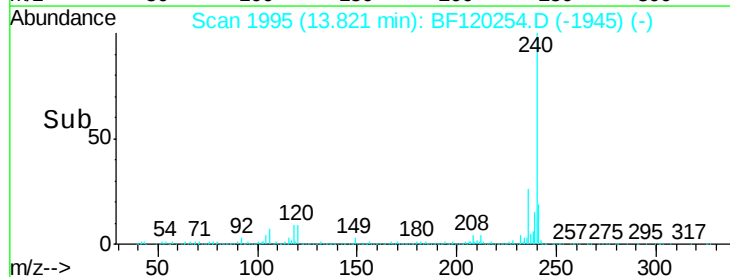
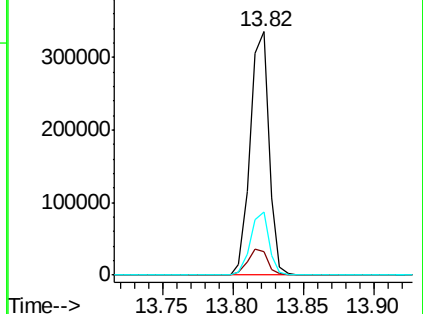
236 25.7 20.2 30.2

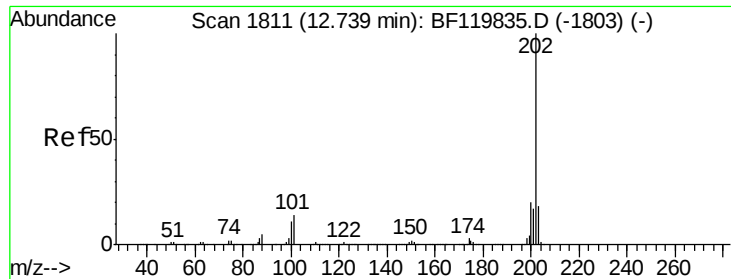


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

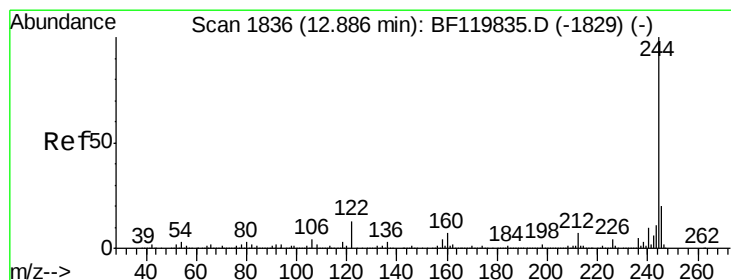
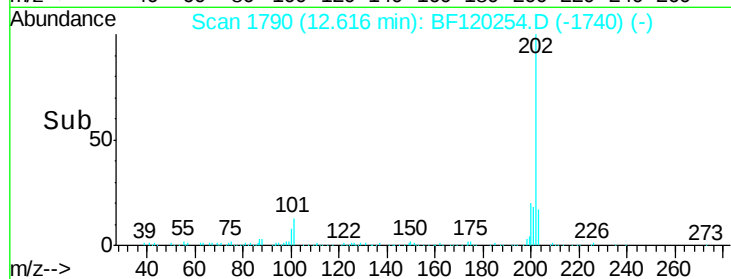
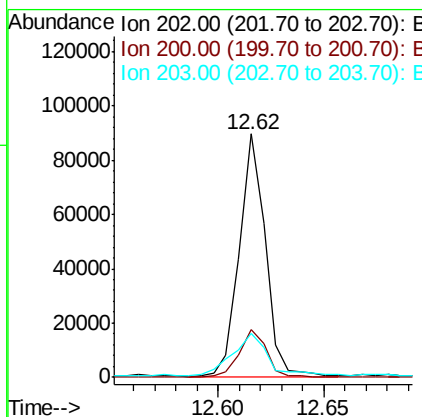
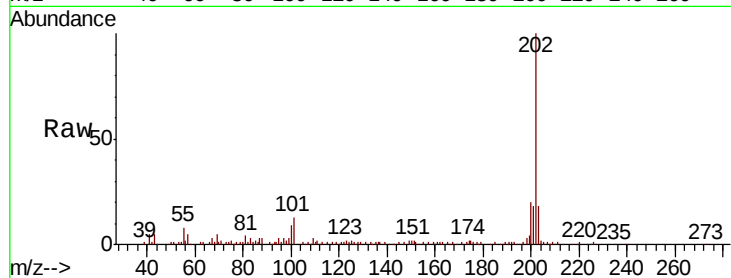




#78
Pvrene
Concen: 2.840 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF120254.D
Acq: 30 Apr 2020 22:02

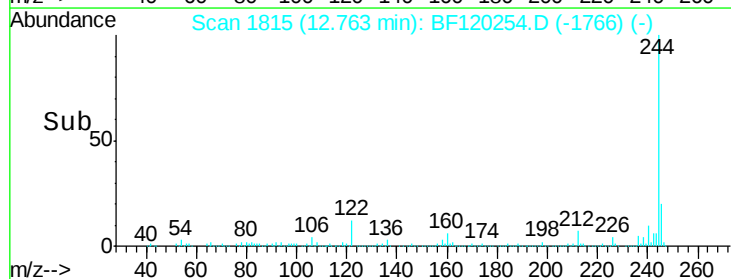
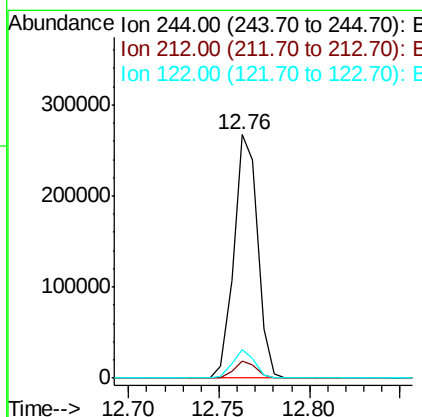
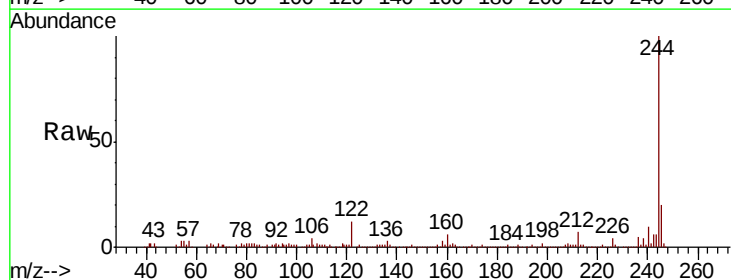
Instrument :
BNA_F
ClientSampleId :
209

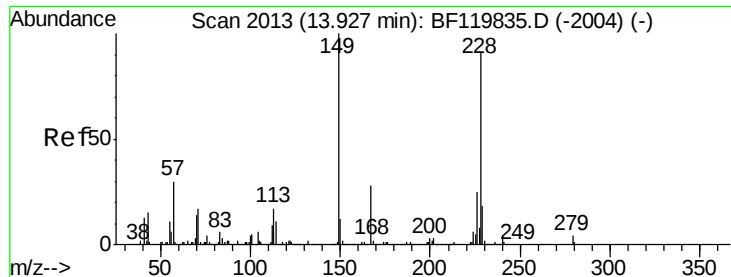
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.8	25.2
203	18.1	15.1	22.7



#79
Terphenyl-d14
Concen: 12.858 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120254.D
Acq: 30 Apr 2020 22:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.8	10.3	15.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.414 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120254.D

Acq: 30 Apr 2020 22:02

Instrument :

BNA_F

ClientSampleId :

209

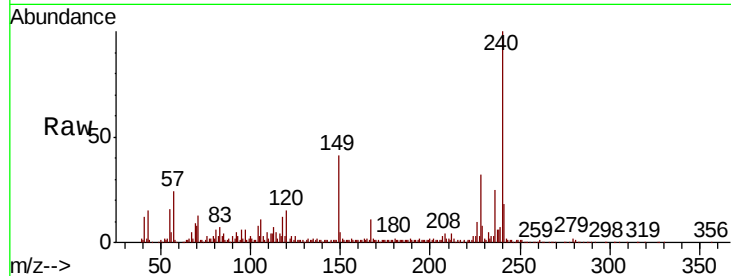
Tot Ion:149 Resp: 42457

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

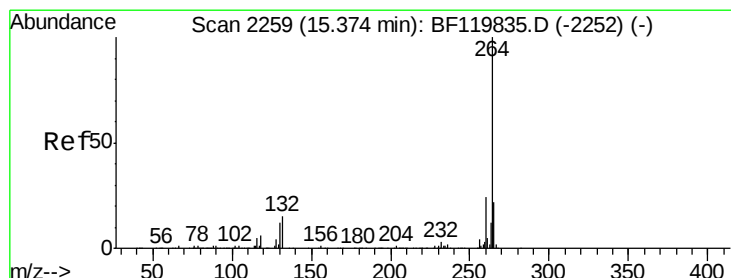
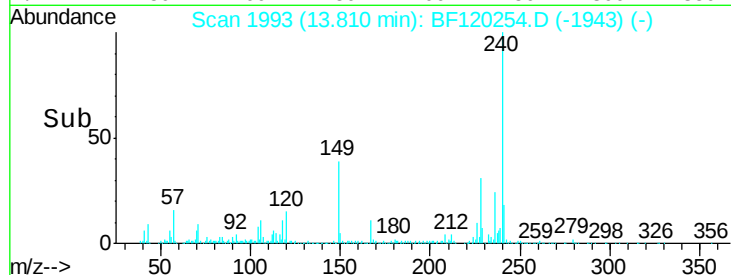
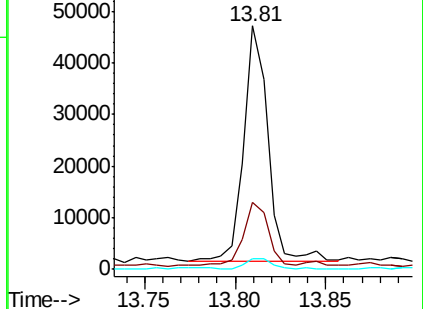
279 4.2 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF120254.D

Acq: 30 Apr 2020 22:02

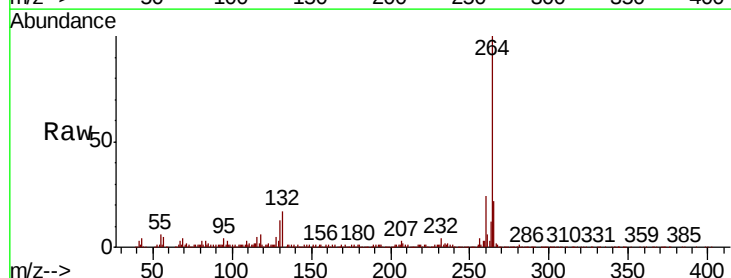
Tgt Ion:264 Resp: 297754

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.9 17.7 26.5



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

