

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119871.D
 Acq On : 9 Apr 2020 16:03
 Operator : MA/SJ
 Sample : L2110-01 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-040220

Quant Time: Apr 09 16:34:01 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 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	161684	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	613209	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	299428	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	488014	20.00	ng	0.00
76) Chrysene-d12	13.93	240	299340	20.00	ng	0.00
87) Perylene-d12	15.37	264	281586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	199696	21.34	ng	-0.01
7) Phenol-d6	6.39	99	241828	20.06	ng	-0.02
23) Nitrobenzene-d5	7.32	82	153696	12.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	56362	15.37	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	313503	14.87	ng	-0.01
79) Terphenyl-d14	12.88	244	261661	14.71	ng	0.00

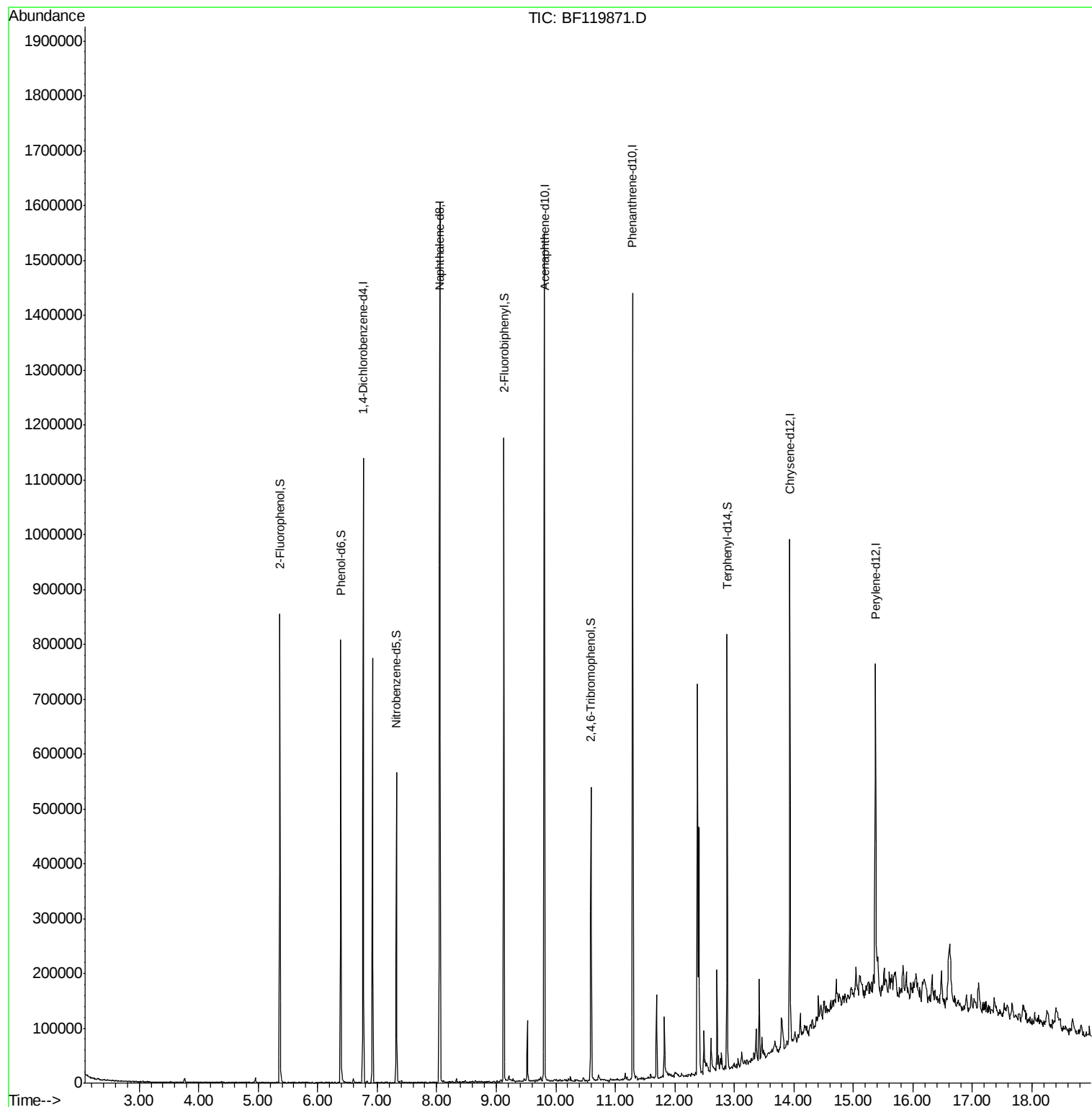
Target Compounds Qvalue

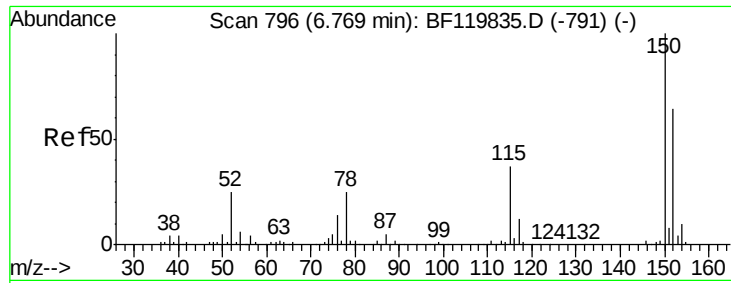
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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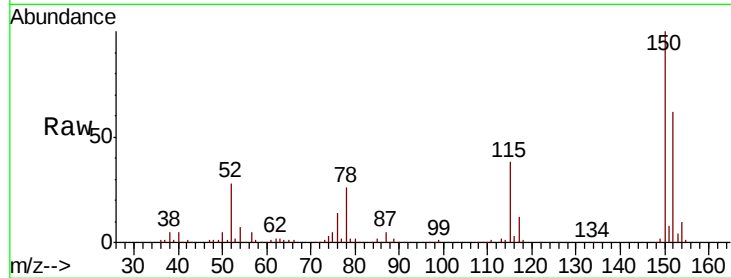


#1

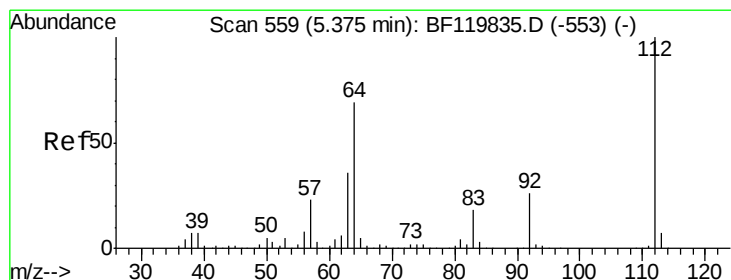
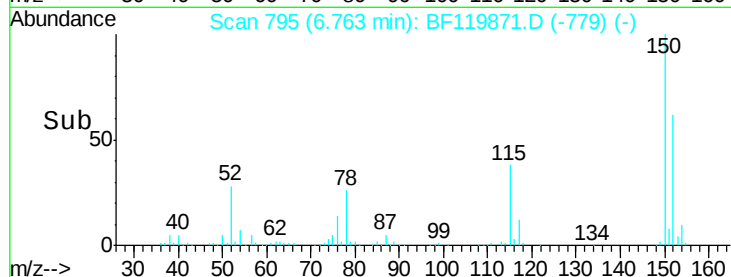
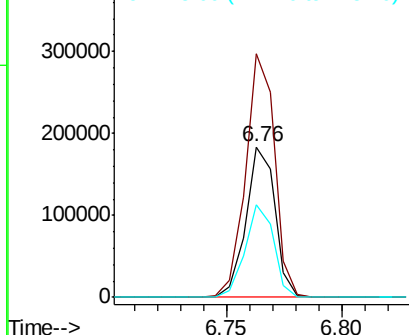
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119871.D
Acq: 9 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
AU-05-040220

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.8	187.2
115	61.8	46.5	69.7



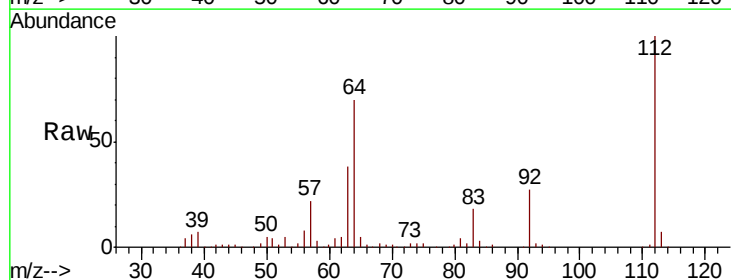
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



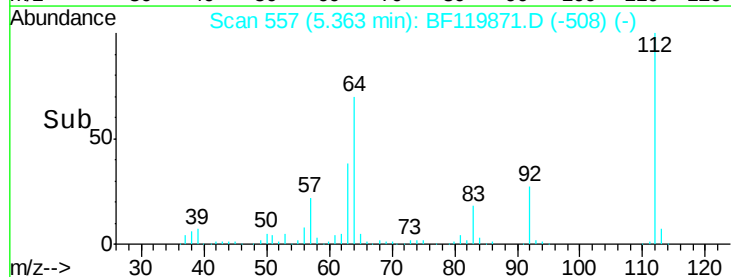
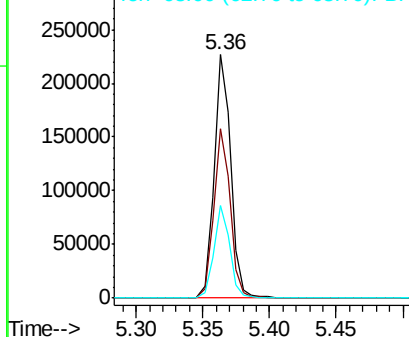
#5

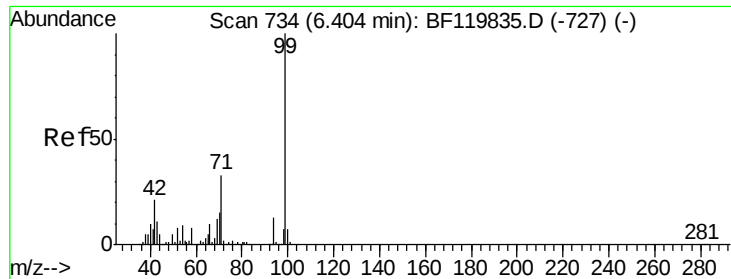
2-Fluorophenol
Concen: 21.345 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119871.D
Acq: 9 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.5	83.3
63	37.8	29.1	43.7



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: 20.060 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119871.D

Acq: 9 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

AU-05-040220

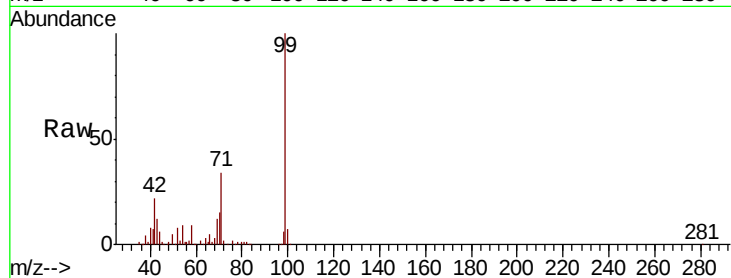
Tot Ion: 99 Resp: 241828

Ion Ratio Lower Upper

99 100

42 22.4 16.9 25.3

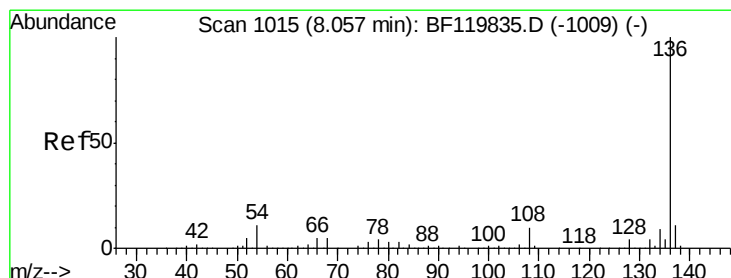
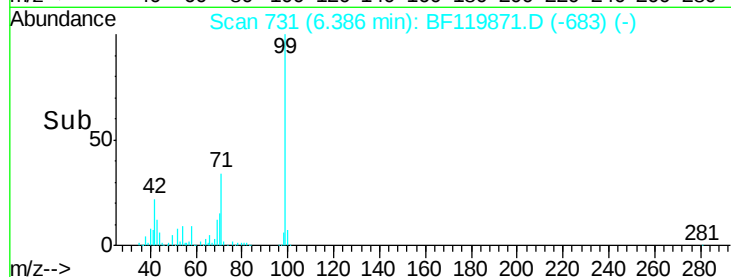
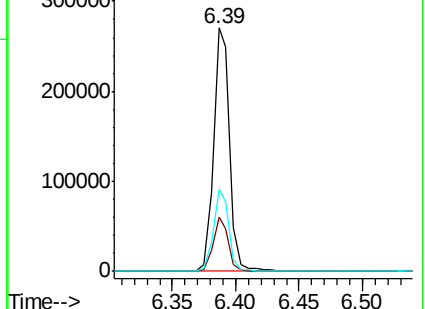
71 34.1 26.3 39.5



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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119871.D

Acq: 9 Apr 2020 16:03

Tgt Ion: 136 Resp: 613209

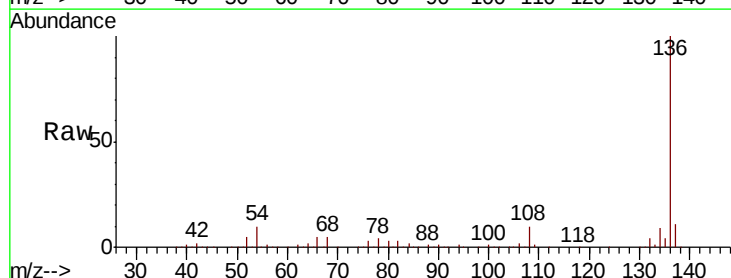
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.0 8.5 12.7

68 5.2 3.9 5.9

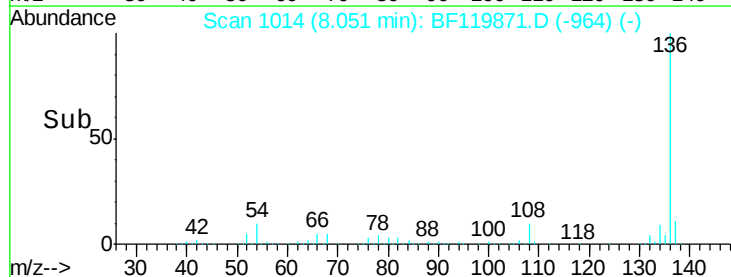
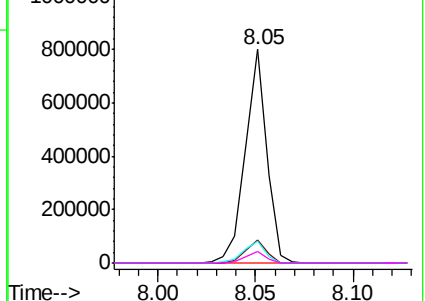


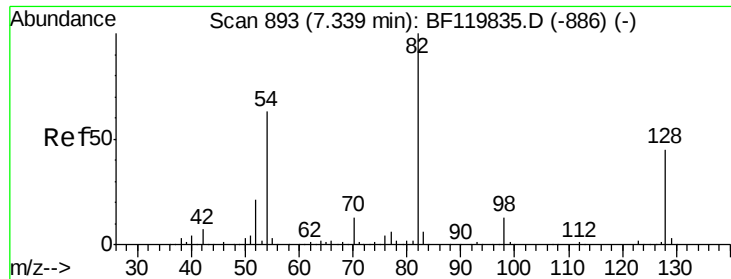
Abundance Ion 136.00 (135.70 to 136.70): E

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

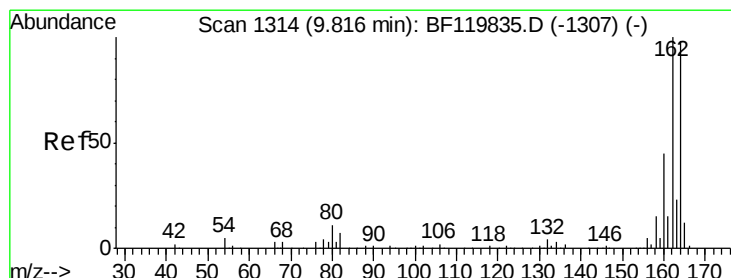
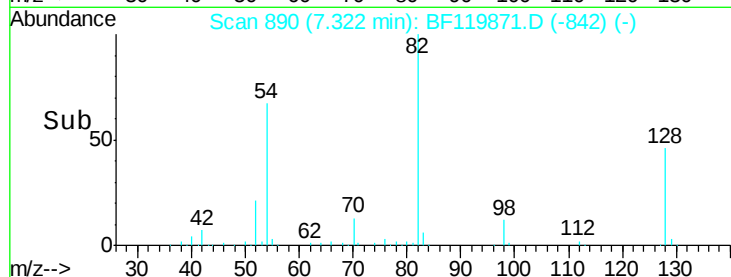
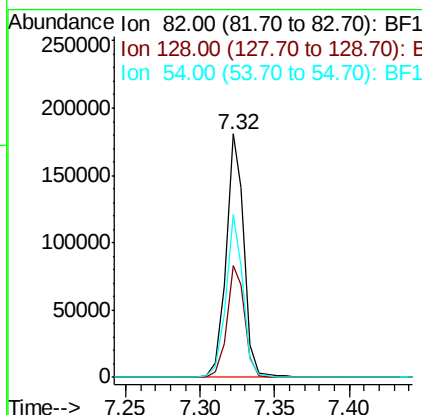
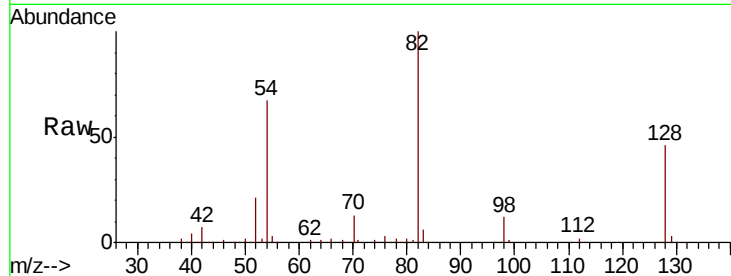




#23
 Nitrobenzene-d5
 Concen: 12.967 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF119871.D
 Acq: 9 Apr 2020 16:03

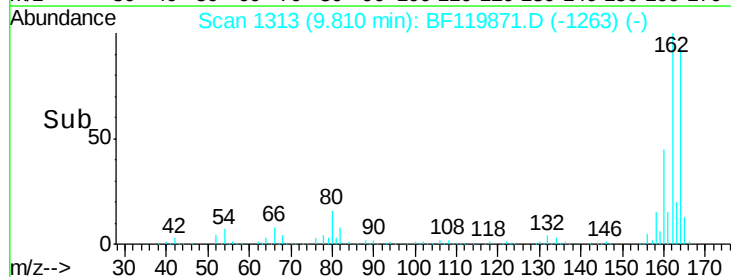
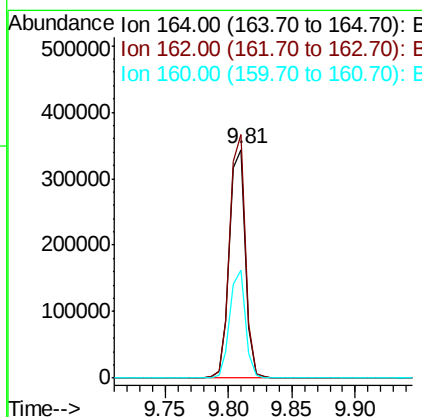
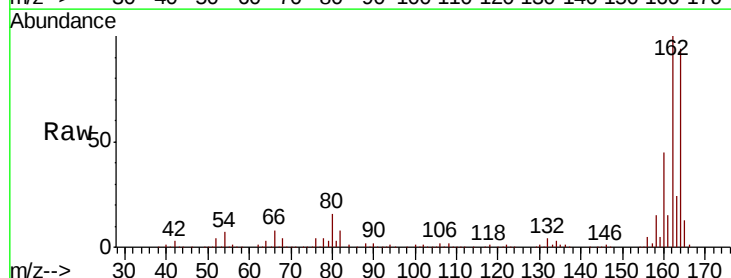
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-040220

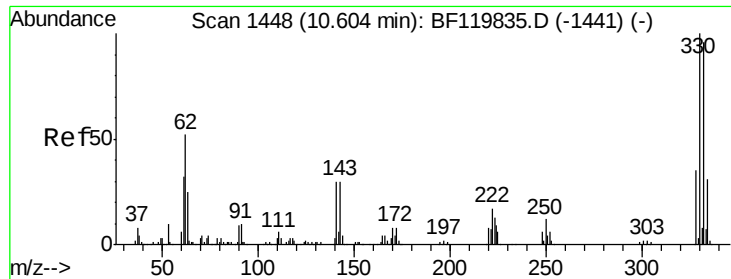
Tot Ion: 82 Resp: 153696
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.2 54.4
 54 67.2 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119871.D
 Acq: 9 Apr 2020 16:03

Tgt Ion:164 Resp: 299428
 Ion Ratio Lower Upper
 164 100
 162 106.6 81.9 122.9
 160 47.5 36.6 54.8

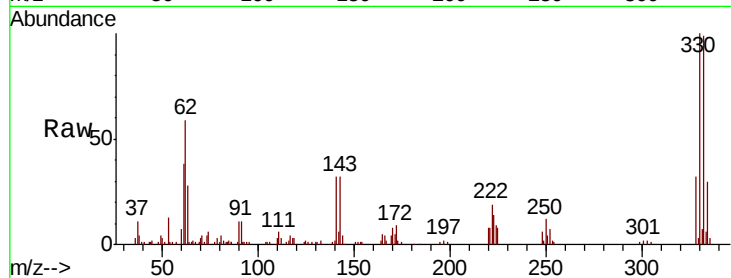




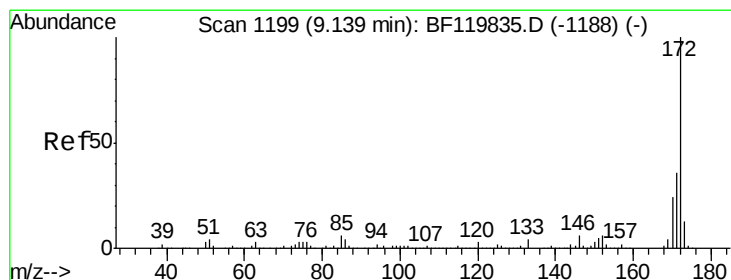
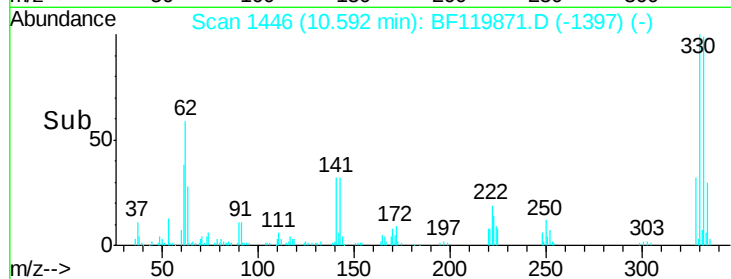
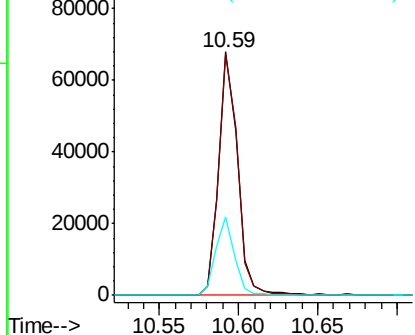
#42
 2,4,6-Tribromophenol
 Concen: 15.374 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF119871.D
 Acq: 9 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-040220

Tot Ion:330 Resp: 56362
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.8 115.2
 141 31.8 25.1 37.7

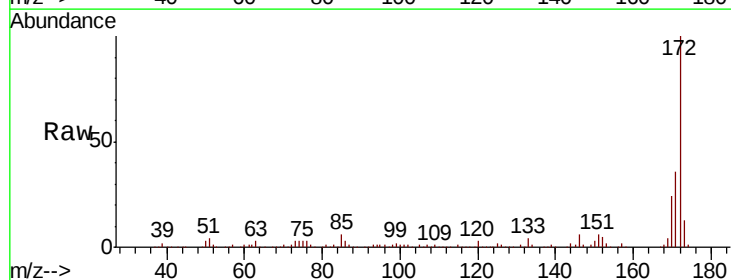


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

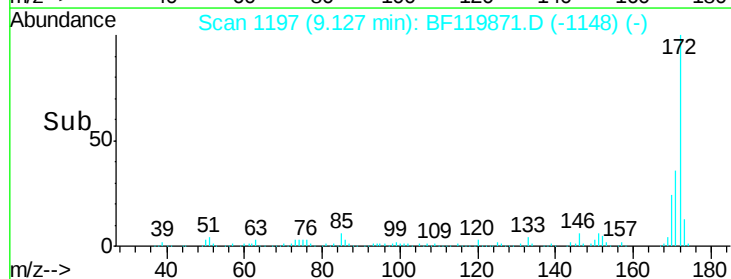
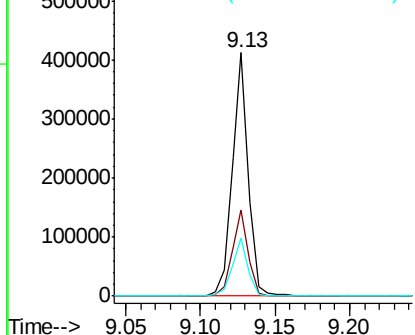


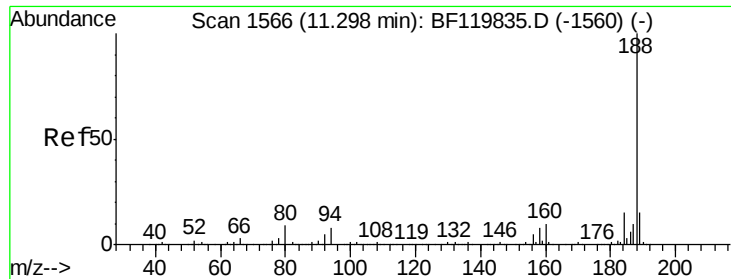
#45
 2-Fluorobiphenyl
 Concen: 14.865 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119871.D
 Acq: 9 Apr 2020 16:03

Tgt Ion:172 Resp: 313503
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.9 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

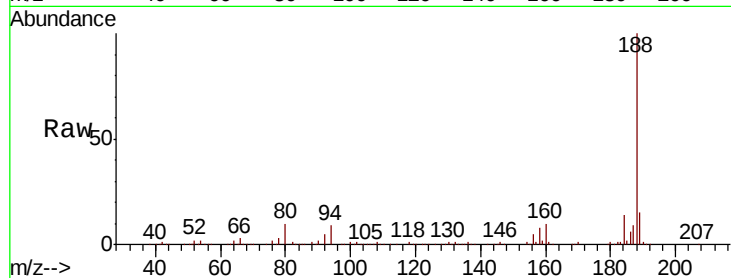




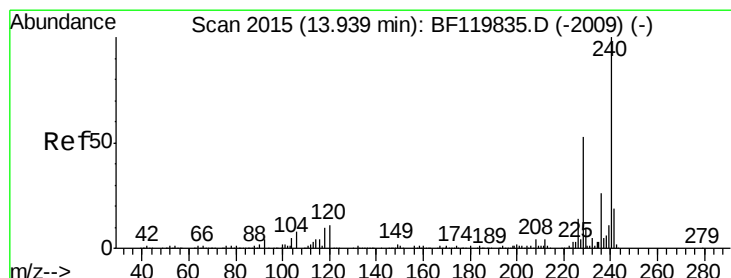
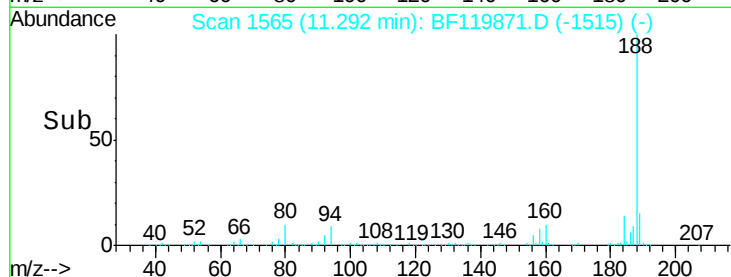
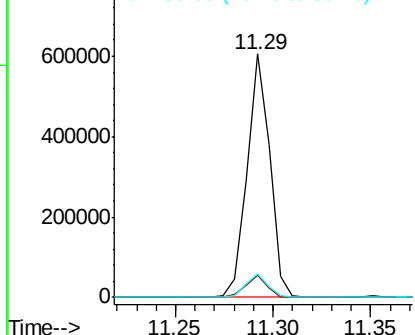
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119871.D
Acq: 9 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
AU-05-040220

Tot Ion:188 Resp: 488014
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.5 7.4 11.2

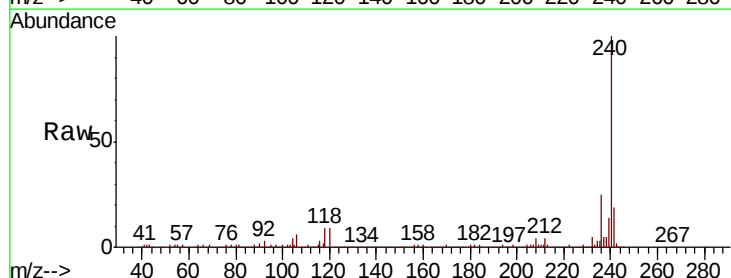


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

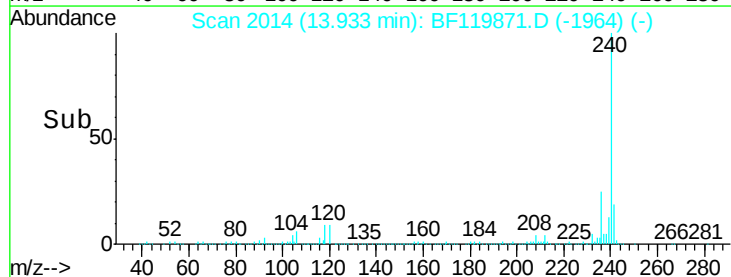
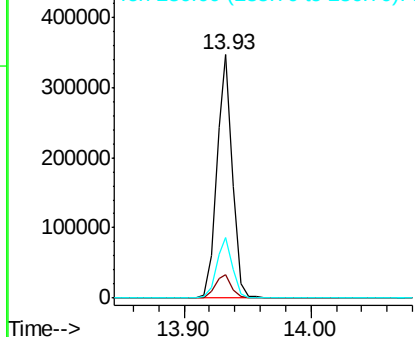


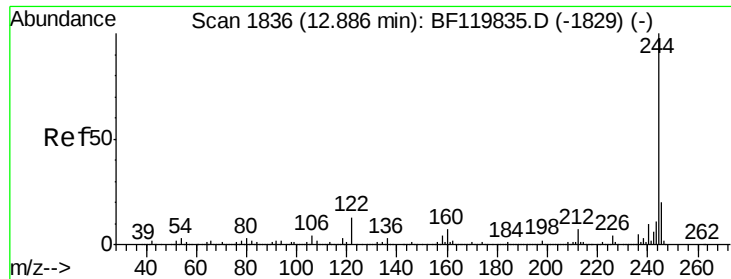
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119871.D
Acq: 9 Apr 2020 16:03

Tgt Ion:240 Resp: 299340
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.6
236 24.8 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: 14.709 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF119871.D

Acq: 9 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

AU-05-040220

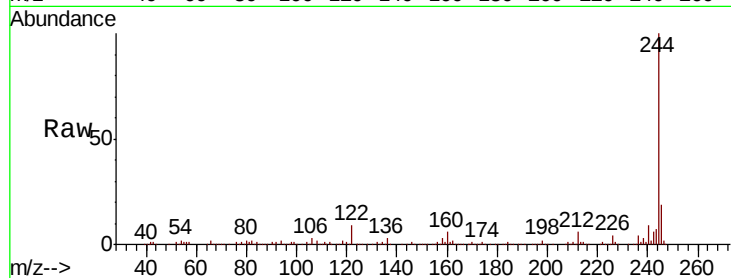
Tot Ion:244 Resp: 261661

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

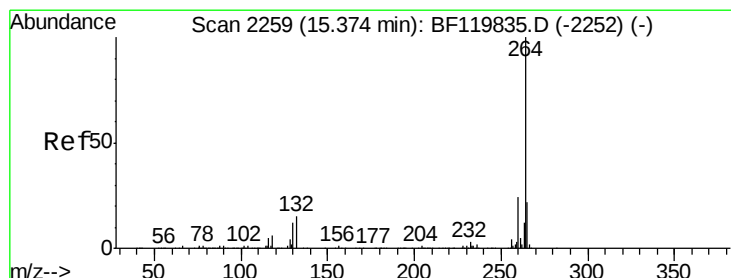
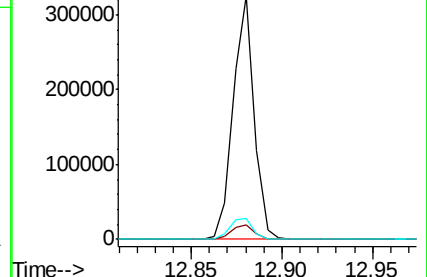
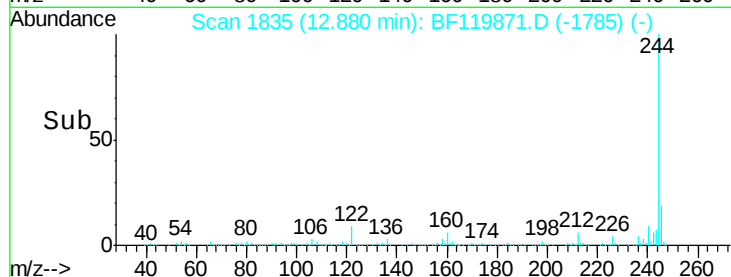
122 8.7 10.3 15.5#



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: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF119871.D

Acq: 9 Apr 2020 16:03

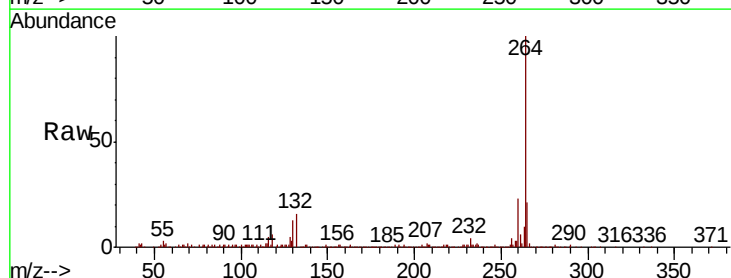
Tgt Ion:264 Resp: 281586

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.2 17.6 26.4



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

