

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119891.D
 Acq On : 10 Apr 2020 13:42
 Operator : MA/SJ
 Sample : PB128115BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BL

Quant Time: Apr 10 14:18:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	165810	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	610711	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	349813	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	637929	20.00	ng	0.00
76) Chrysene-d12	13.92	240	556061	20.00	ng	0.00
87) Perylene-d12	15.36	264	531905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1491454	155.45	ng	0.02
7) Phenol-d6	6.39	99	1865157	150.87	ng	0.00
23) Nitrobenzene-d5	7.32	82	1263354	107.02	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	593028	138.46	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2381445	96.66	ng	0.00
79) Terphenyl-d14	12.87	244	2751387	83.26	ng	0.00

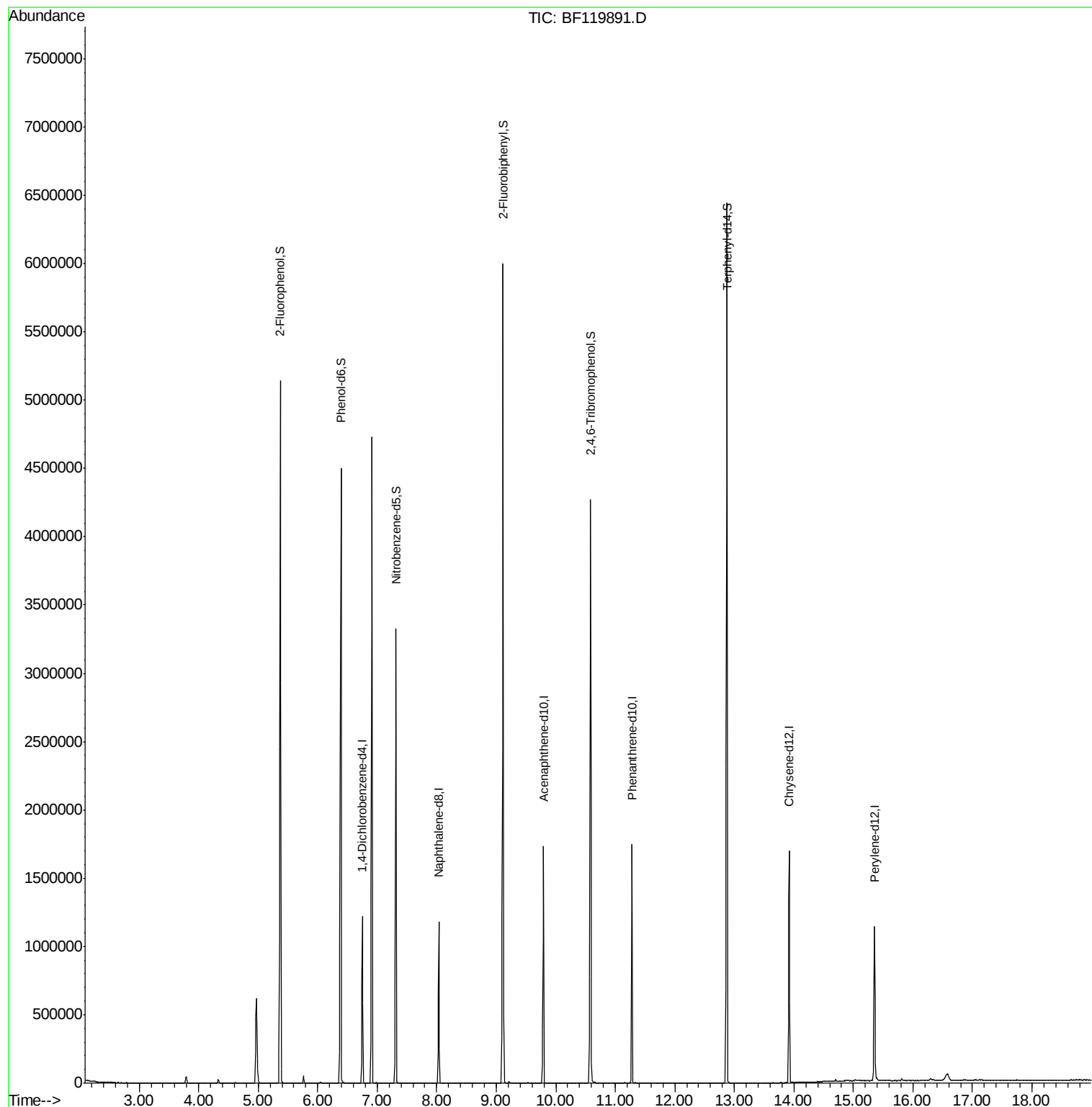
Target Compounds Qvalue

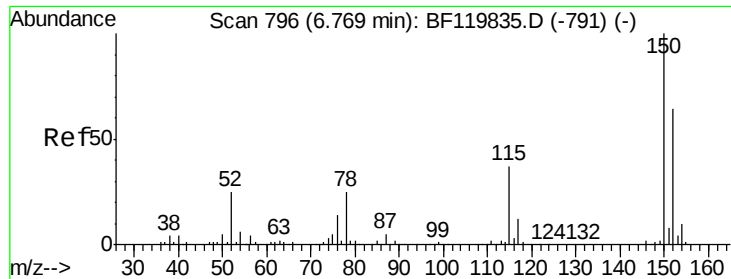
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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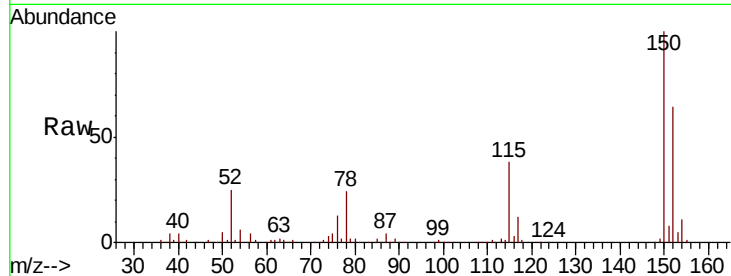


#1

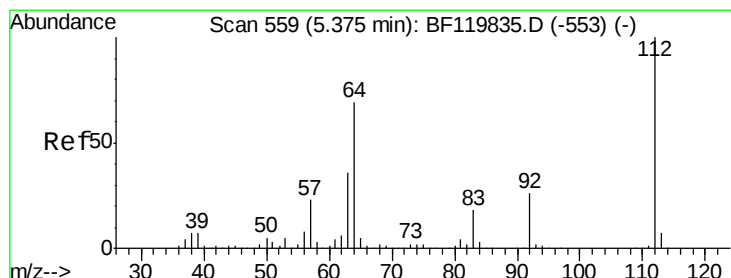
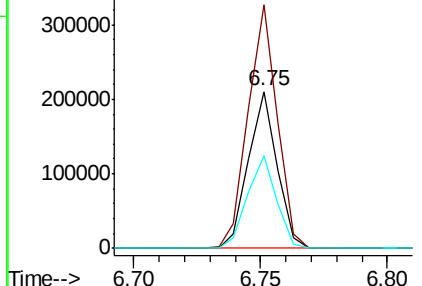
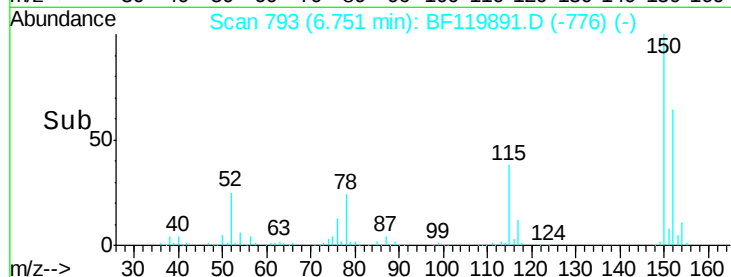
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119891.D
Acq: 10 Apr 2020 13:42

Instrument :
BNA_F
ClientSampleId :
PB128115BL

Tot Ion:152 Resp: 165810
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 58.8 46.5 69.7



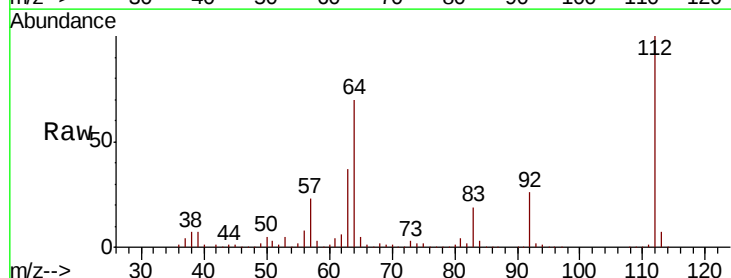
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



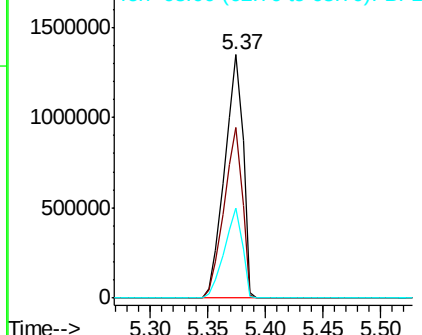
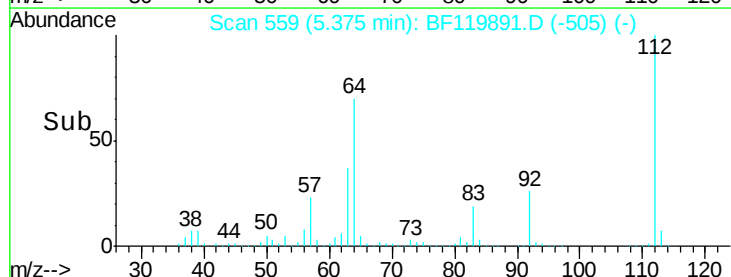
#5

2-Fluorophenol
Concen: 155.449 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF119891.D
Acq: 10 Apr 2020 13:42

Tgt Ion:112 Resp: 1491454
Ion Ratio Lower Upper
112 100
64 70.2 55.5 83.3
63 37.0 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: 150.867 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Instrument :

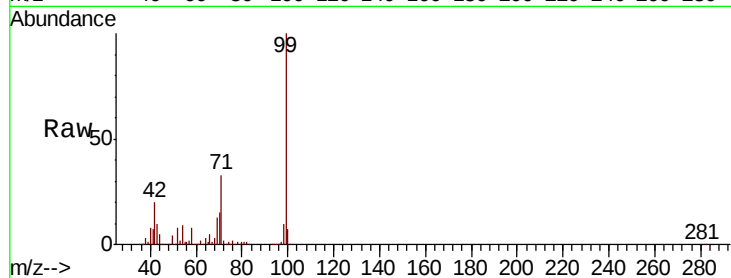
BNA_F

ClientSampleId :

PB128115BL

Tot Ion: 99 Resp: 1865157

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.9	25.3
71	33.2	26.3	39.5

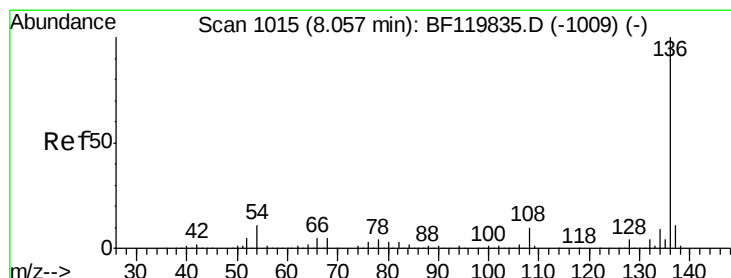
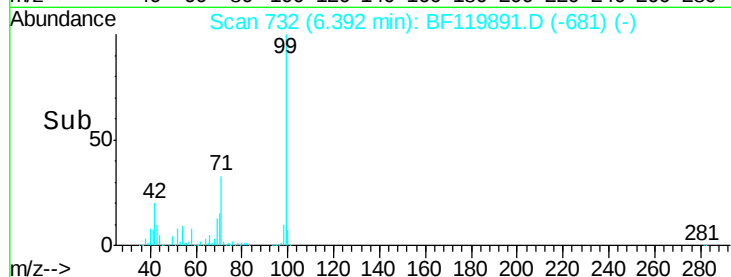


Abundance

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: 8.03 min Scan# 1011

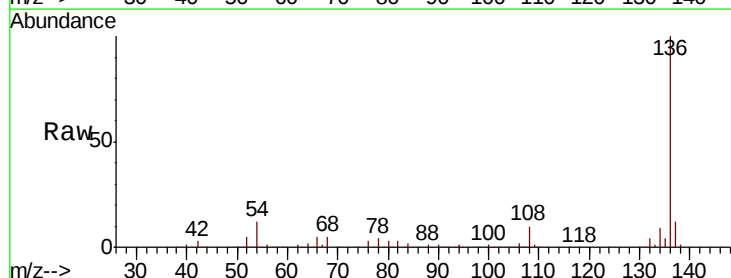
Delta R.T. -0.01 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Tgt Ion: 136 Resp: 610711

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	11.5	8.5	12.7
68	5.5	3.9	5.9



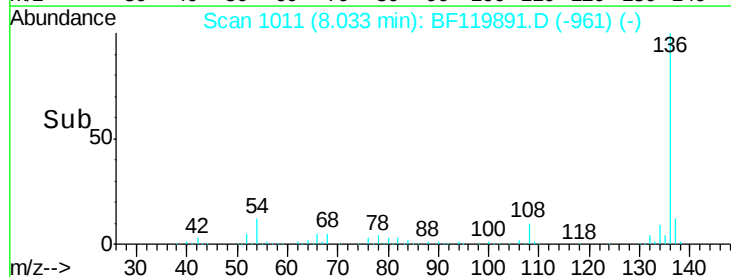
Abundance

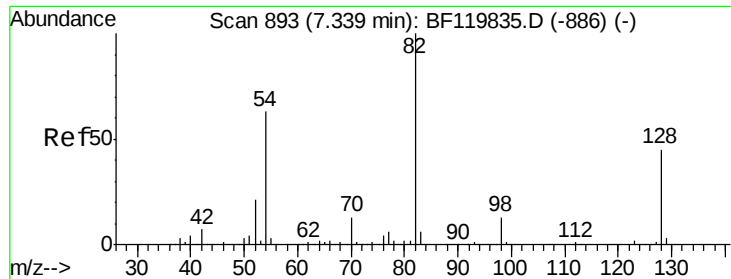
Ion 136.00 (135.70 to 136.70): E

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

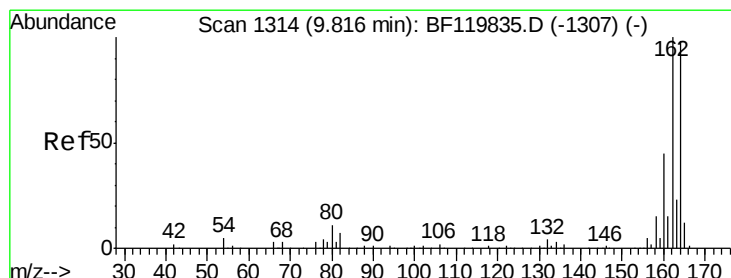
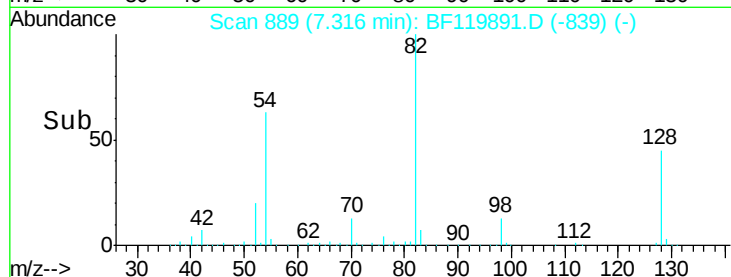
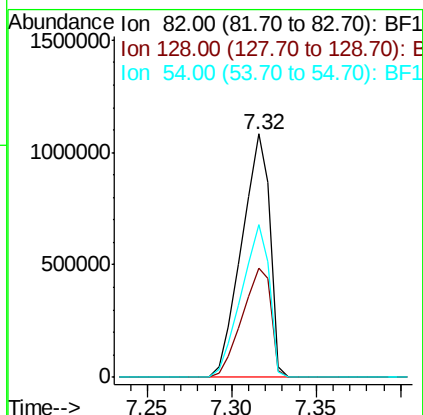
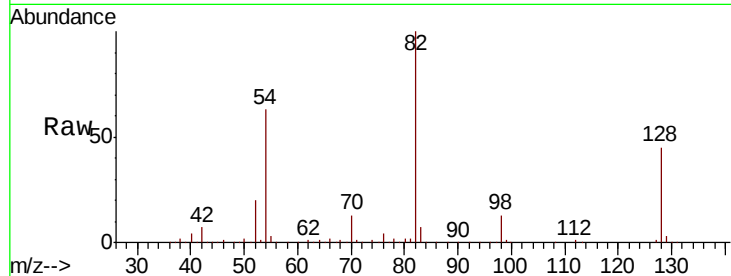




#23
 Nitrobenzene-d5
 Concen: 107.019 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

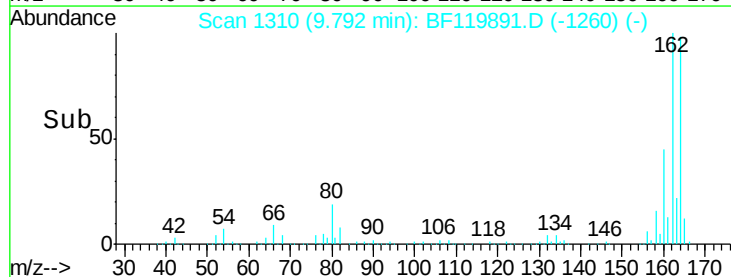
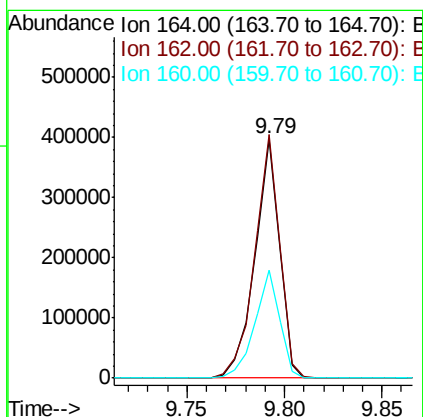
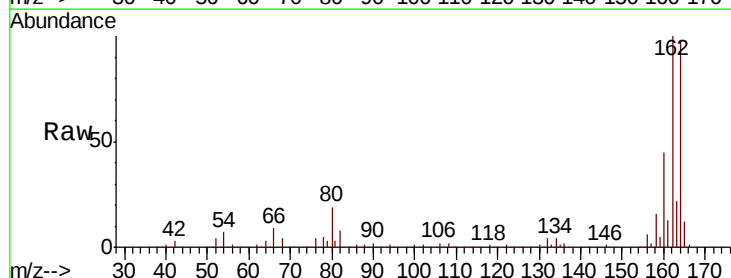
Instrument :
 BNA_F
 ClientSampleId :
 PB128115BL

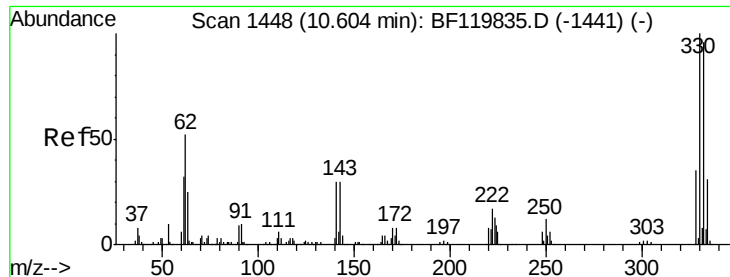
Tot Ion: 82 Resp: 1263354
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.2 54.4
 54 62.6 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

Tgt Ion:164 Resp: 349813
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.9 122.9
 160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 138.464 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Instrument :

BNA_F

ClientSampleId :

PB128115BL

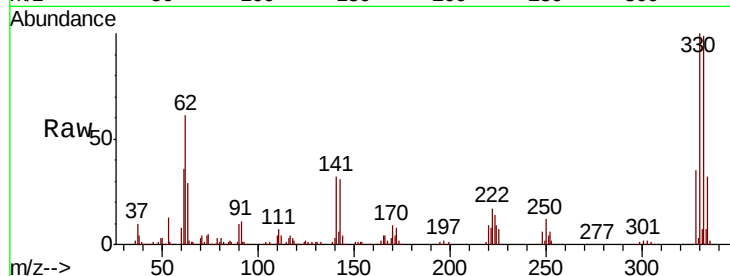
Tot Ion:330 Resp: 593028

Ion Ratio Lower Upper

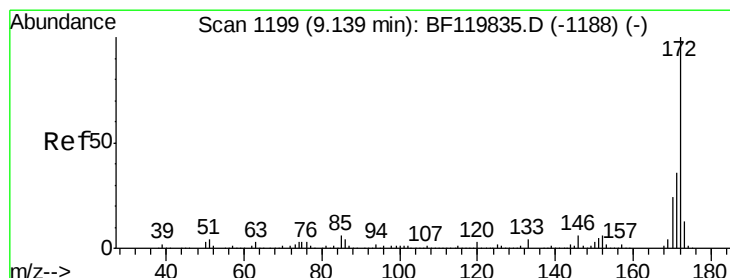
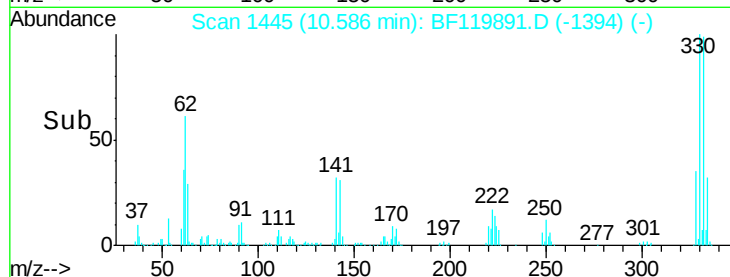
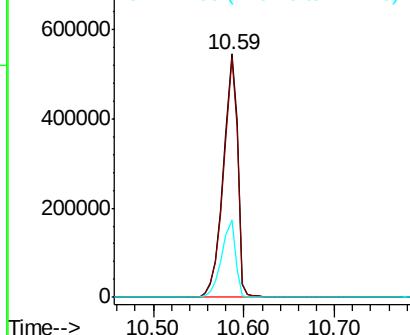
330 100

332 97.2 76.8 115.2

141 30.8 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: 96.655 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

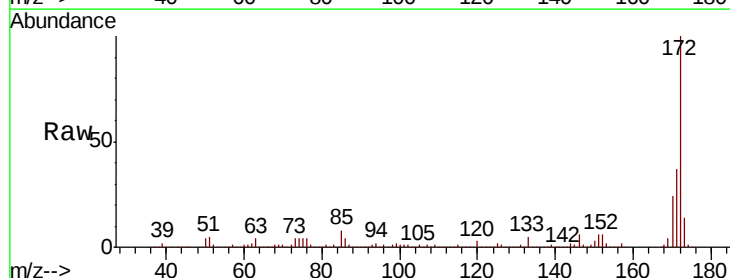
Tgt Ion:172 Resp: 2381445

Ion Ratio Lower Upper

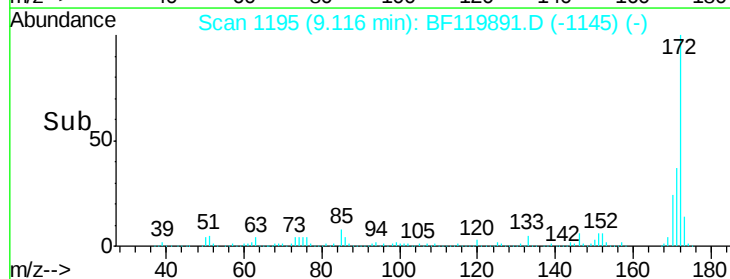
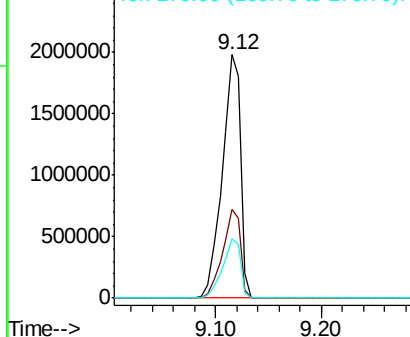
172 100

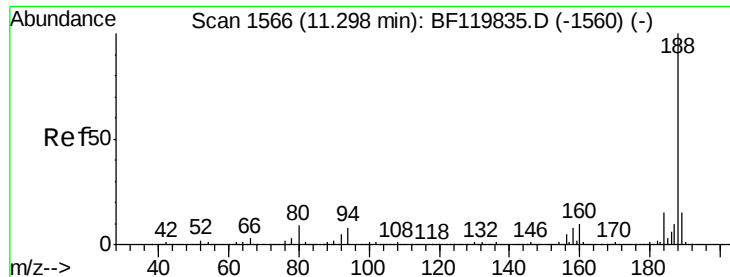
171 36.6 28.9 43.3

170 24.4 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

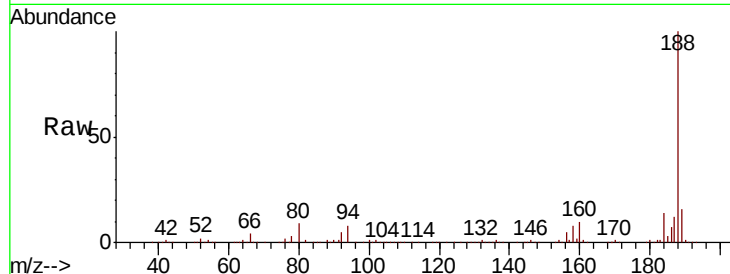




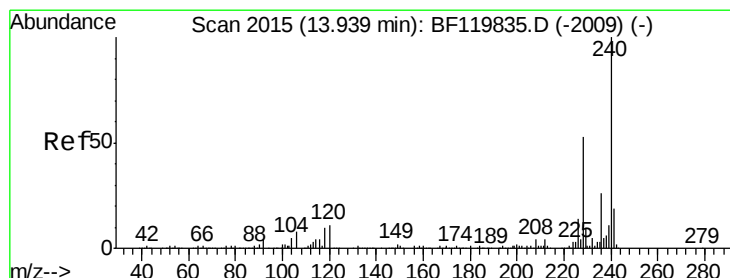
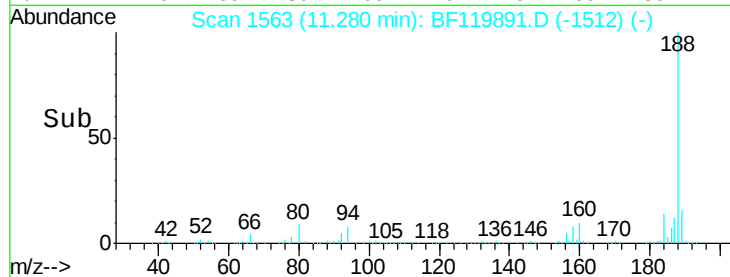
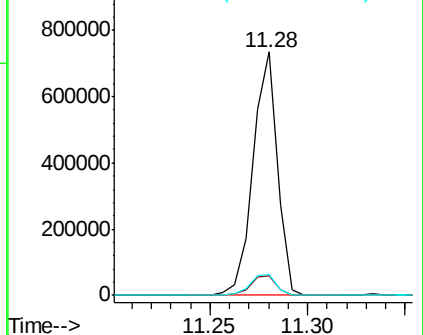
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119891.D
Acq: 10 Apr 2020 13:42

Instrument :
BNA_F
ClientSampleId :
PB128115BL

Tot Ion:188 Resp: 637929
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.6 7.4 11.2

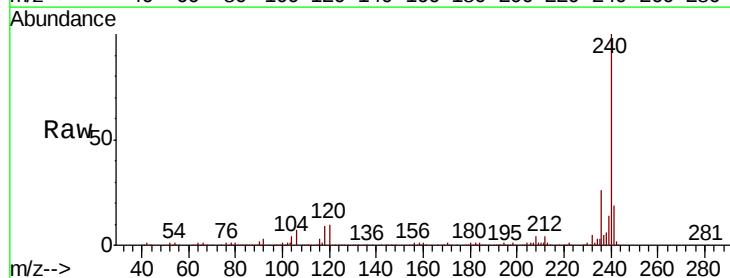


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

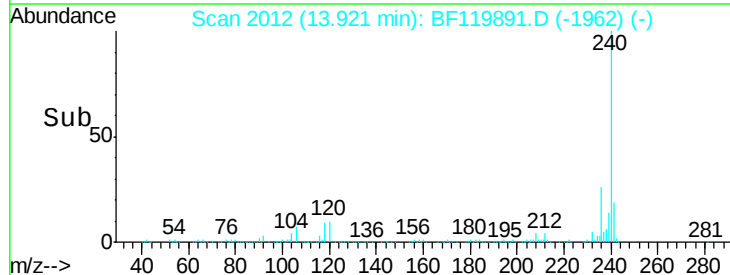
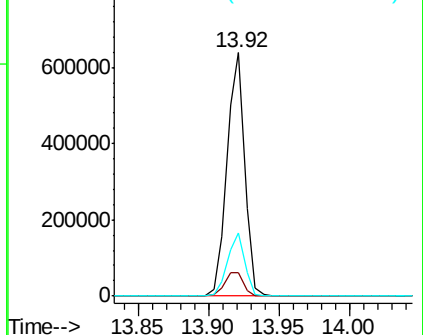


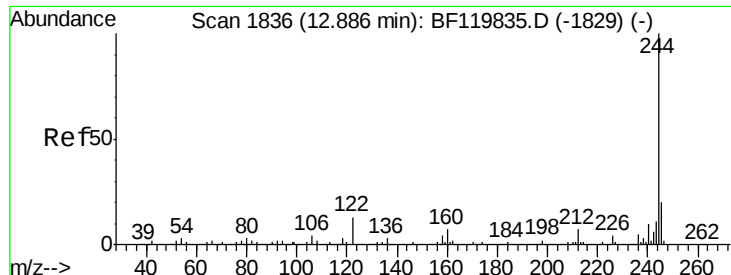
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119891.D
Acq: 10 Apr 2020 13:42

Tgt Ion:240 Resp: 556061
Ion Ratio Lower Upper
240 100
120 9.6 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: 83.258 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Instrument :

BNA_F

ClientSampleId :

PB128115BL

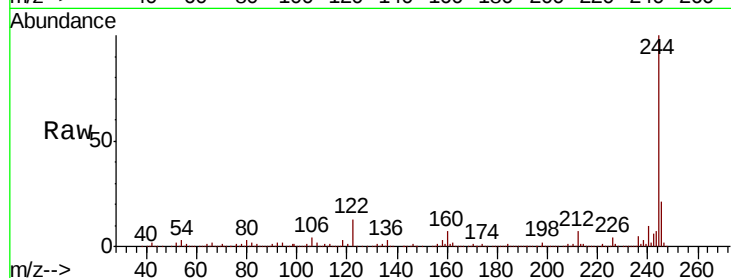
Tot Ion:244 Resp: 2751387

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

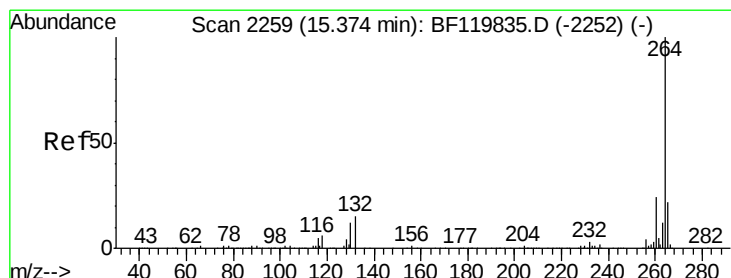
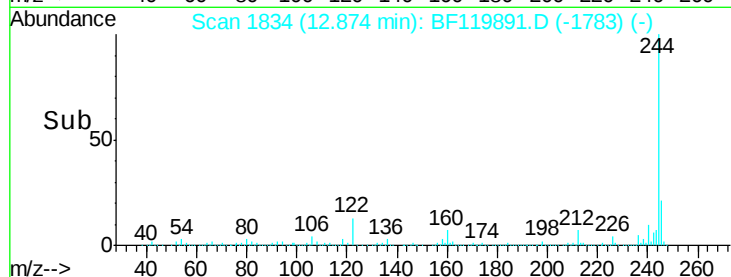
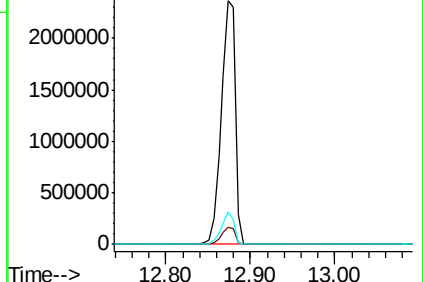
122 13.3 10.3 15.5



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: 15.36 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

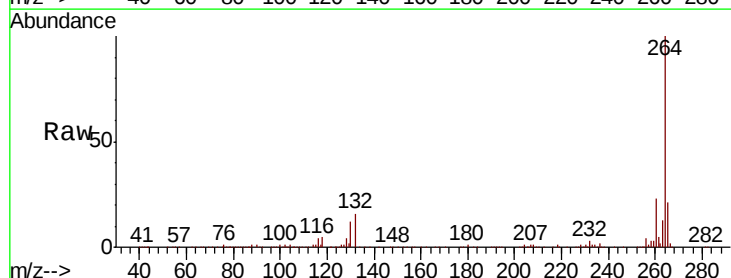
Tgt Ion:264 Resp: 531905

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.0 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

