

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119892.D
 Acq On : 10 Apr 2020 14:09
 Operator : MA/SJ
 Sample : PB128092BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BL

Quant Time: Apr 10 14:40:43 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	172111	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	668000	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	350143	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	618896	20.00	ng	0.00
76) Chrysene-d12	13.92	240	520486	20.00	ng	0.00
87) Perylene-d12	15.35	264	459542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1406002	141.18	ng	0.02
7) Phenol-d6	6.39	99	1985195	154.70	ng	0.00
23) Nitrobenzene-d5	7.32	82	1245783	96.48	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	604465	141.00	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2346034	95.13	ng	0.00
79) Terphenyl-d14	12.87	244	2622944	84.80	ng	0.00

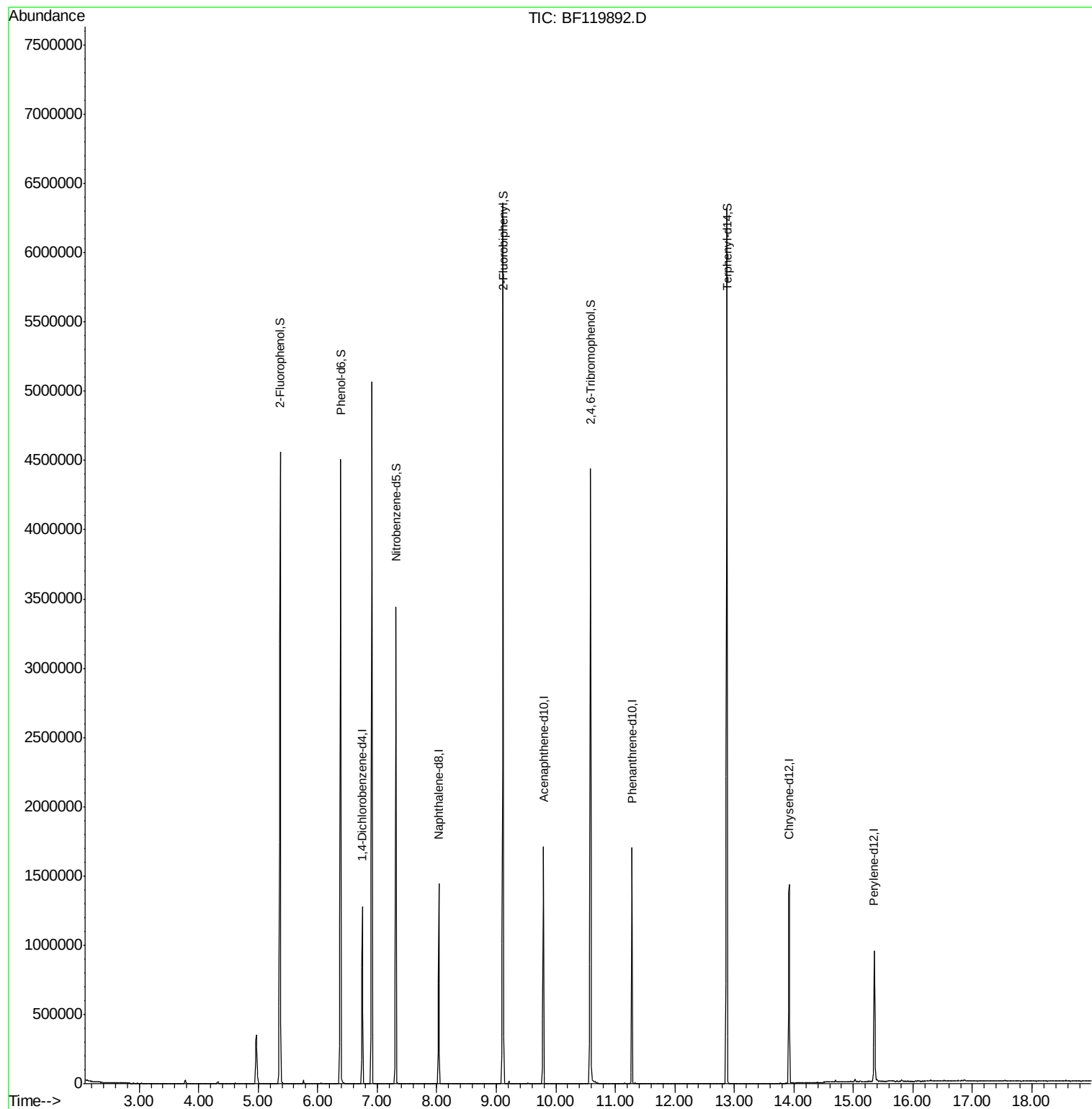
Target Compounds Qvalue

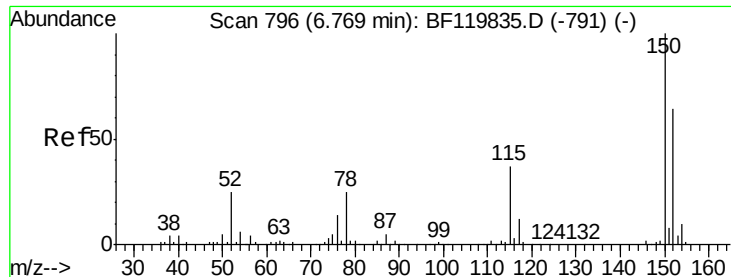
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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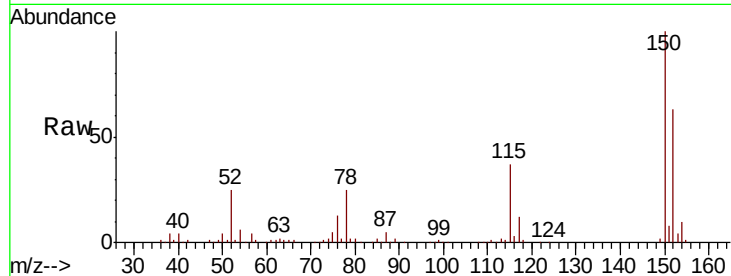


#1

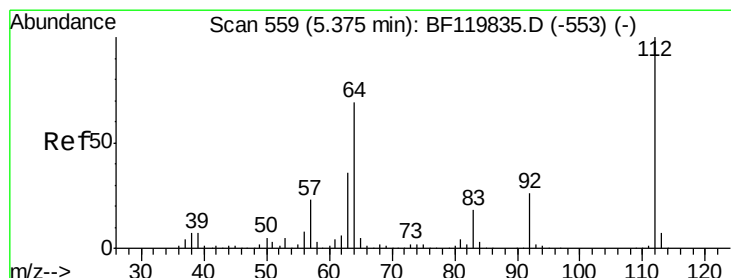
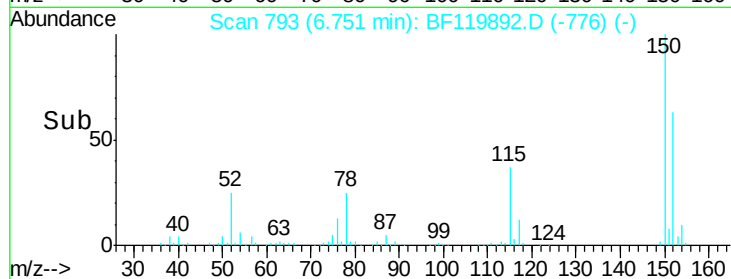
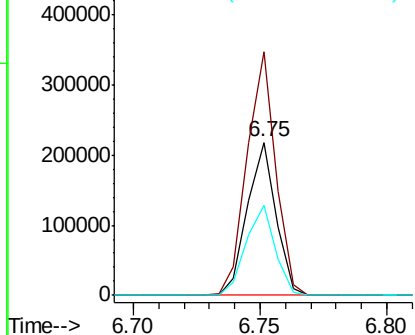
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BL

Tot Ion:152 Resp: 172111
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.8 187.2
 115 58.7 46.5 69.7



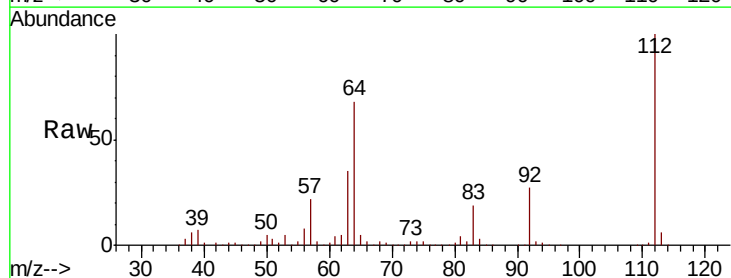
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



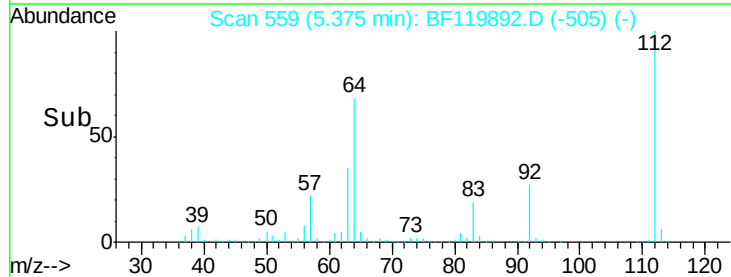
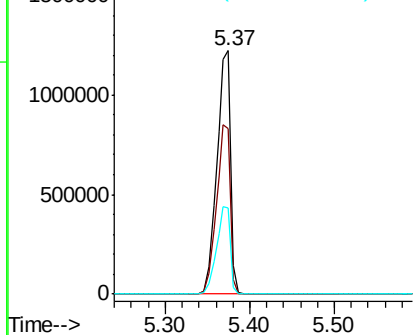
#5

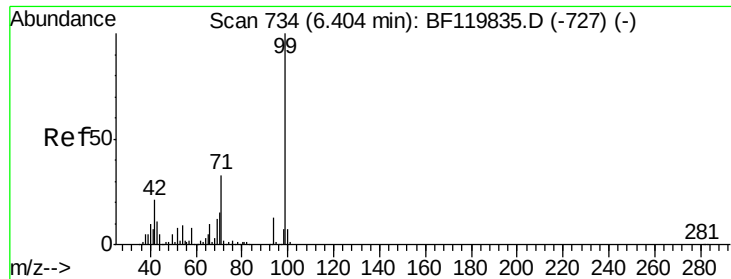
2-Fluorophenol
 Concen: 141.178 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Tgt Ion:112 Resp: 1406002
 Ion Ratio Lower Upper
 112 100
 64 68.1 55.5 83.3
 63 35.4 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: 154.698 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

Instrument :

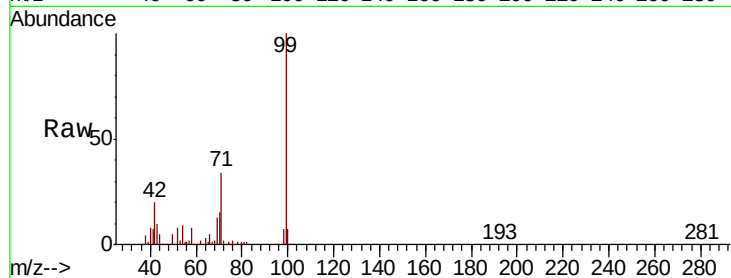
BNA_F

ClientSampleId :

PB128092BL

Tot Ion: 99 Resp: 1985195

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.9	25.3
71	33.9	26.3	39.5

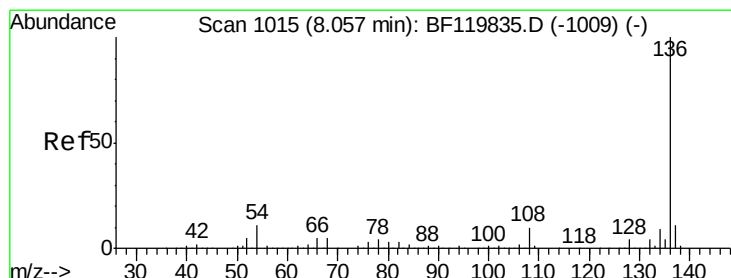
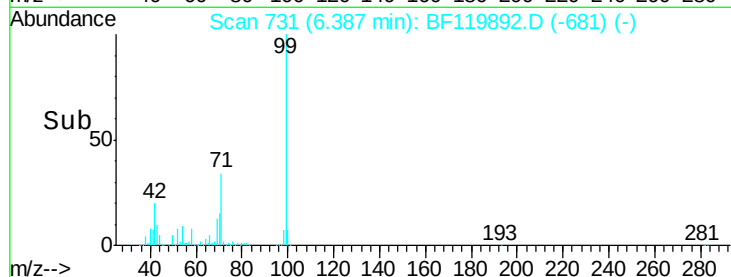


Abundance

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

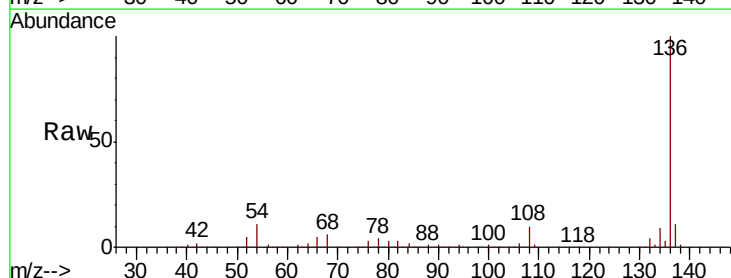
Delta R.T. -0.01 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

Tgt Ion: 136 Resp: 668000

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.6	8.5	12.7
68	5.7	3.9	5.9



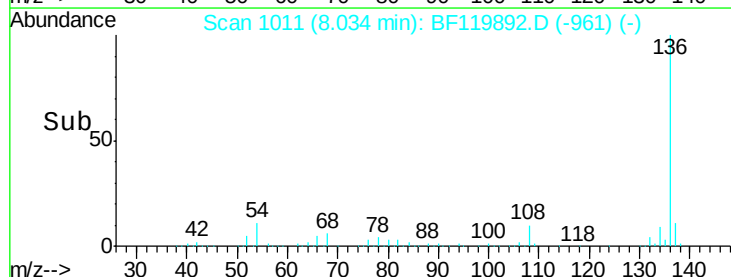
Abundance

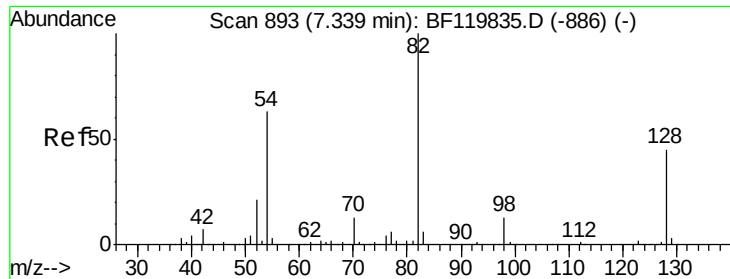
Ion 136.00 (135.70 to 136.70): E

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

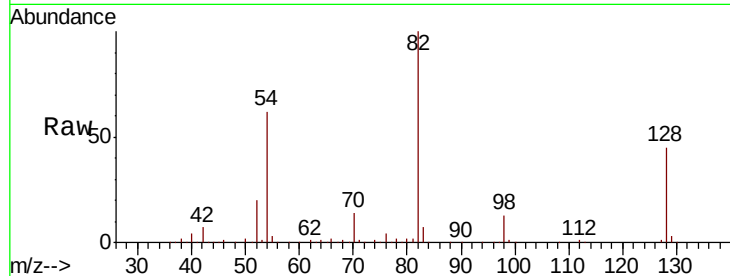




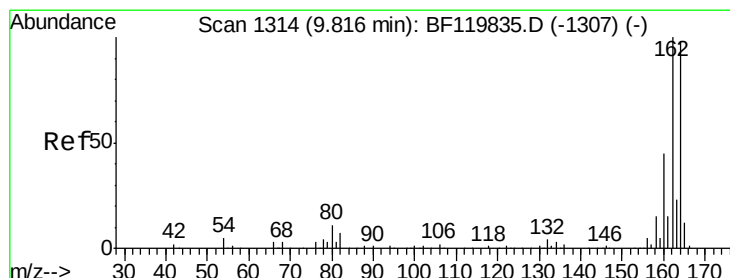
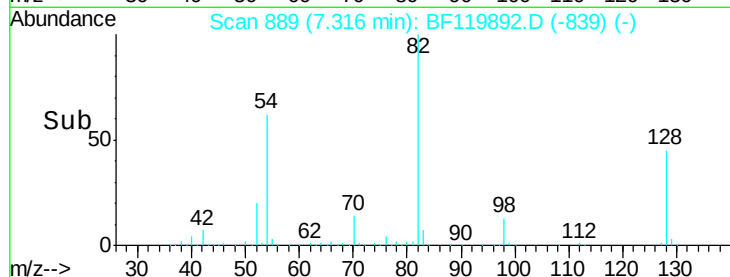
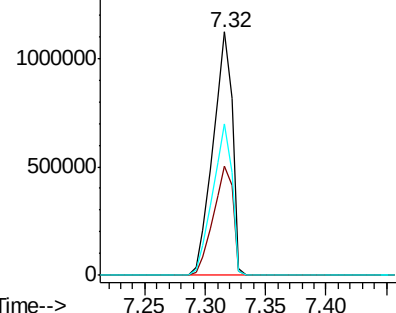
#23
 Nitrobenzene-d5
 Concen: 96.480 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BL

Tot Ion: 82 Resp: 1245783
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.2 54.4
 54 62.1 50.4 75.6

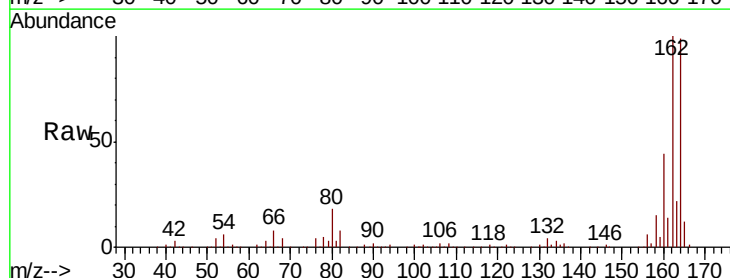


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

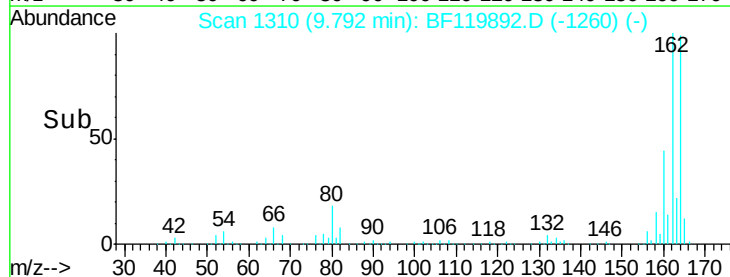
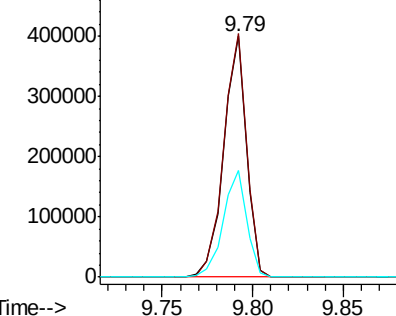


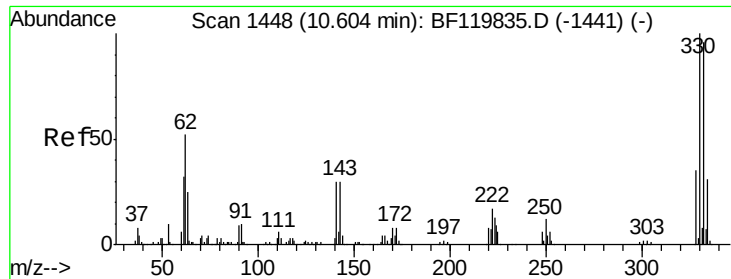
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Tgt Ion:164 Resp: 350143
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.9 122.9
 160 44.3 36.6 54.8



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

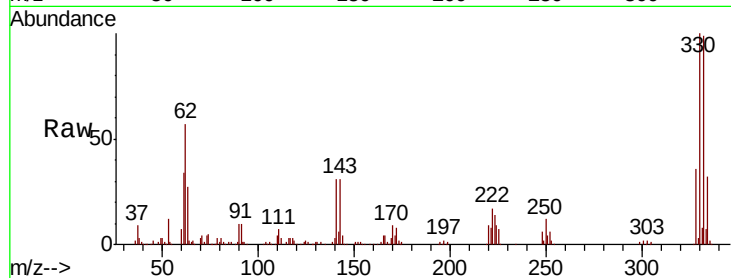




#42
 2,4,6-Tribromophenol
 Concen: 141.002 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128092BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	31.5	25.1	37.7

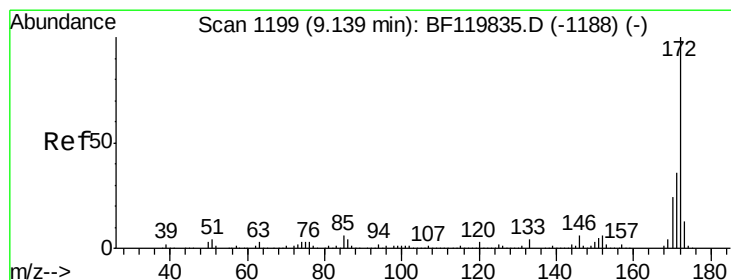
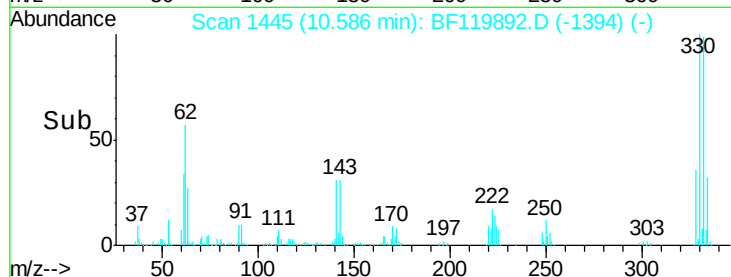
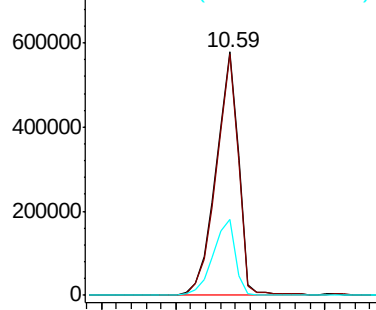


Abundance

Ion 329.80 (329.50 to 330.50): E

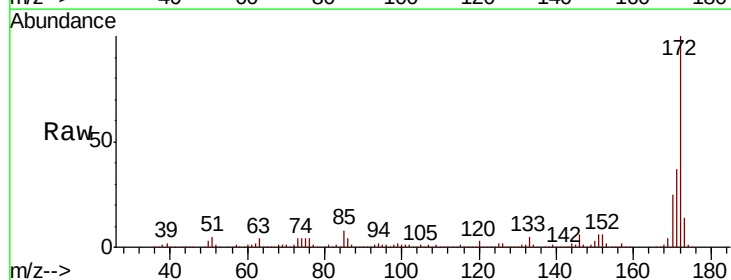
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.128 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.6	19.4	29.2

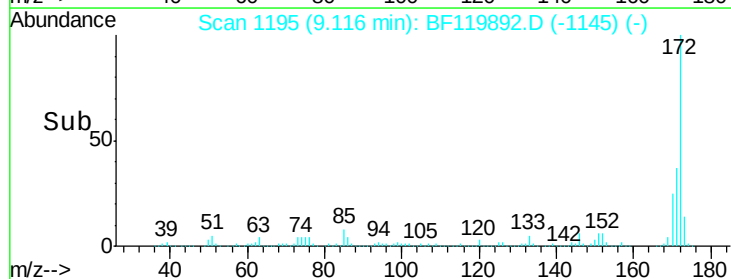
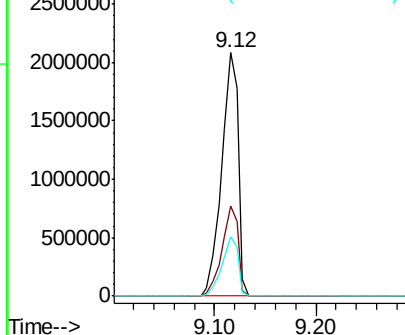


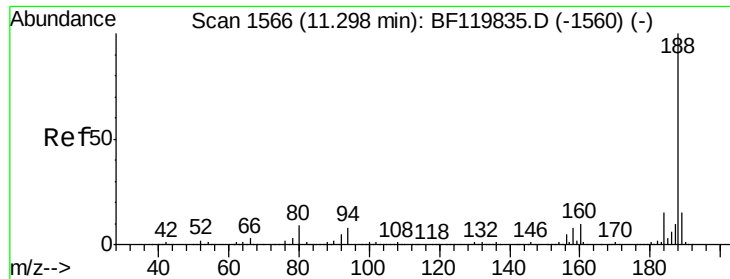
Abundance

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

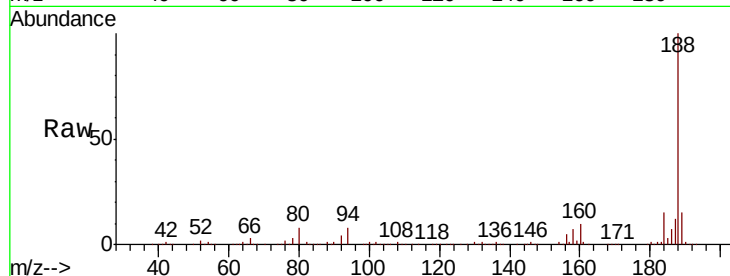




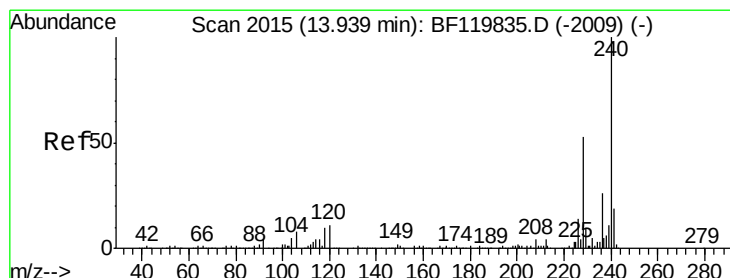
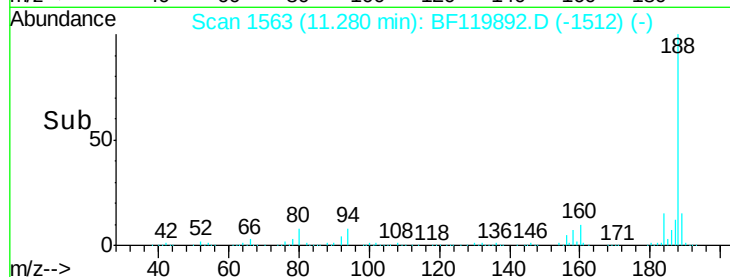
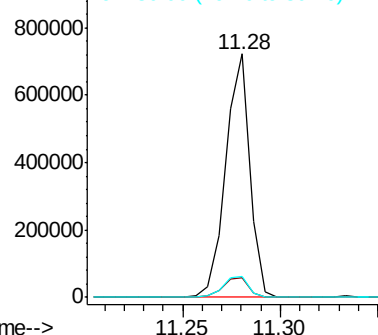
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF119892.D
Acq: 10 Apr 2020 14:09

Instrument :
BNA_F
ClientSampleId :
PB128092BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.4	7.4	11.2

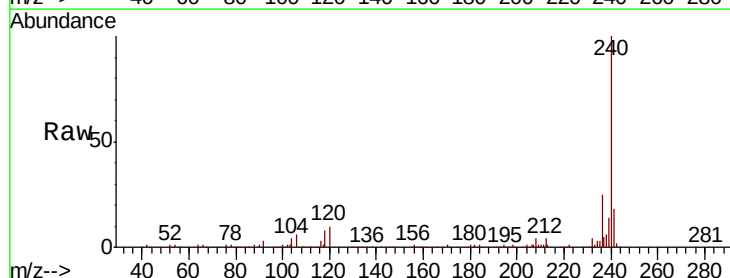


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

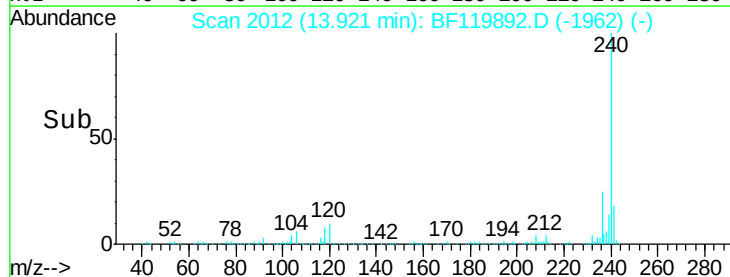
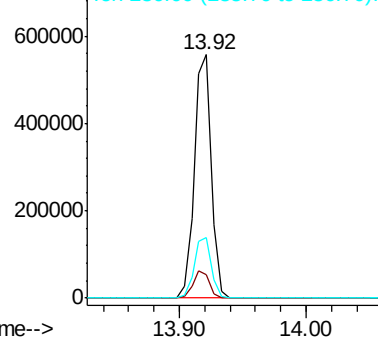


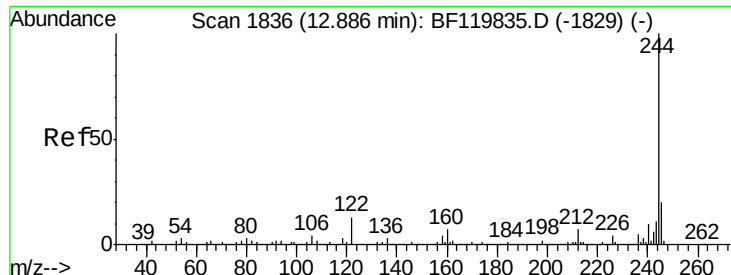
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119892.D
Acq: 10 Apr 2020 14:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.6
236	25.1	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: 84.796 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

Instrument :

BNA_F

ClientSampleId :

PB128092BL

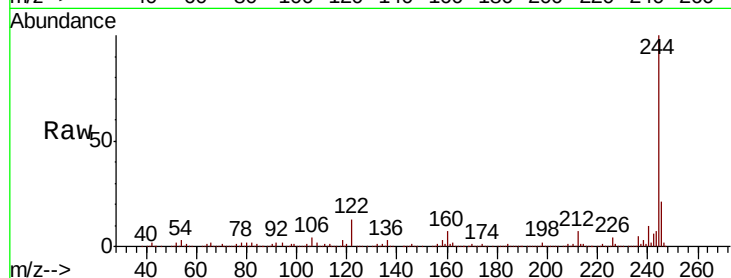
Tot Ion:244 Resp: 2622944

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

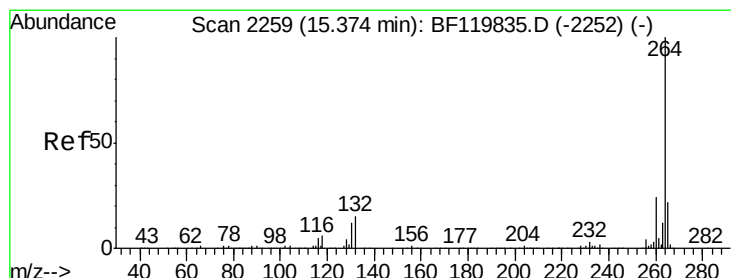
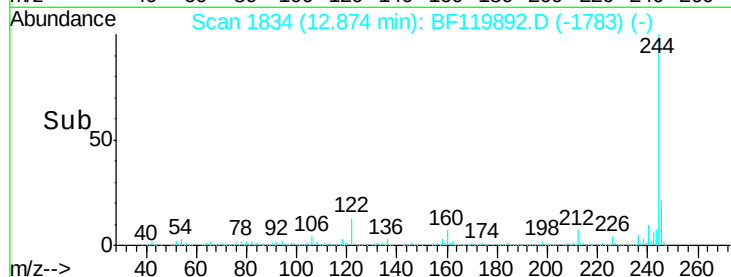
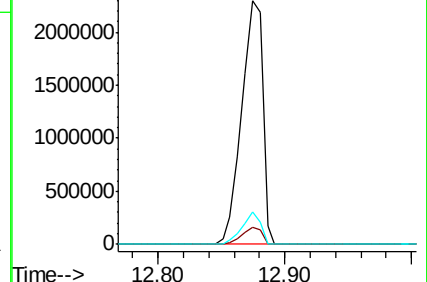
122 13.4 10.3 15.5



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: 15.35 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

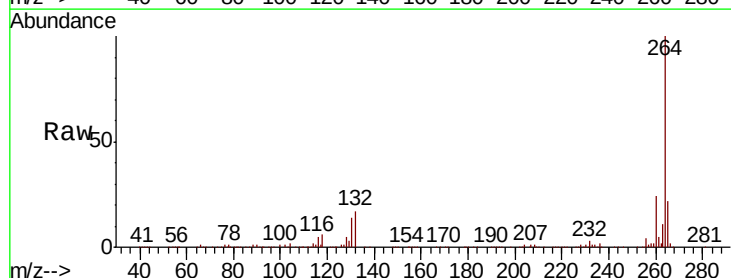
Tgt Ion:264 Resp: 459542

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.2 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

