

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119841.D
 Acq On : 8 Apr 2020 23:23
 Operator : MA/SJ
 Sample : PB128072BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128072BL

Quant Time: Apr 09 02:21:33 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	170056	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	694885	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	383980	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	720943	20.00	ng	0.00
76) Chrysene-d12	13.93	240	620494	20.00	ng	0.00
87) Perylene-d12	15.37	264	509261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1495384	151.97	ng	0.02
7) Phenol-d6	6.40	99	1986906	156.70	ng	0.00
23) Nitrobenzene-d5	7.33	82	1242314	92.49	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	646007	137.41	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2421210	89.53	ng	0.00
79) Terphenyl-d14	12.89	244	3134823	85.01	ng	0.00

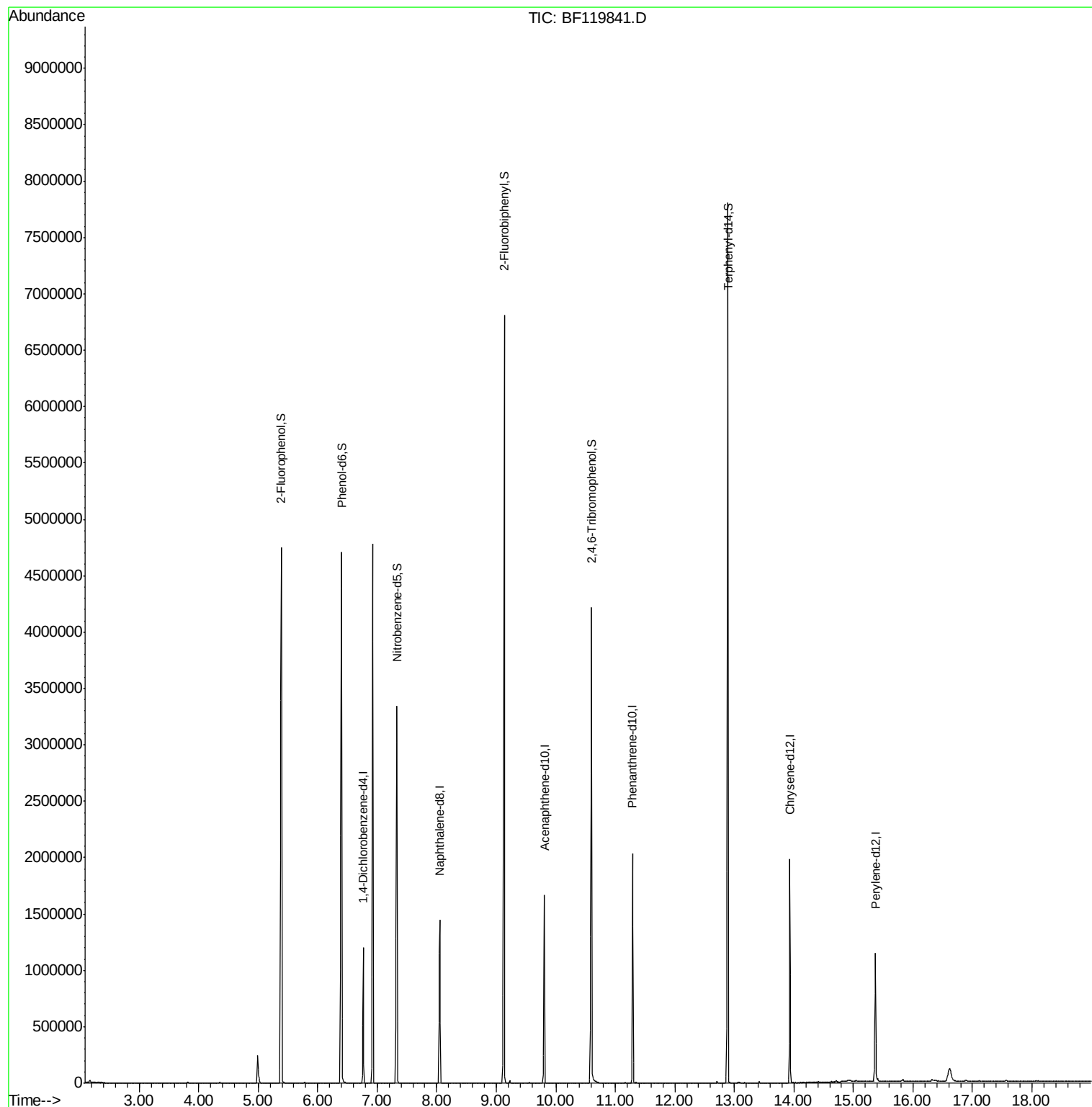
Target Compounds Qvalue

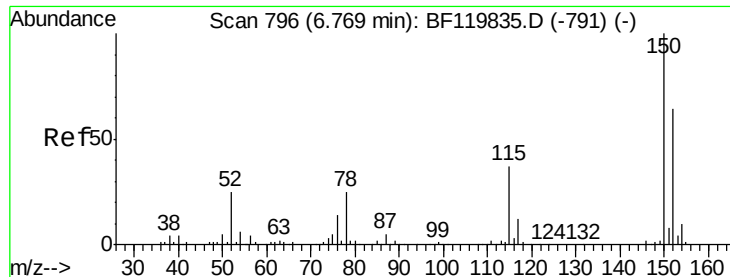
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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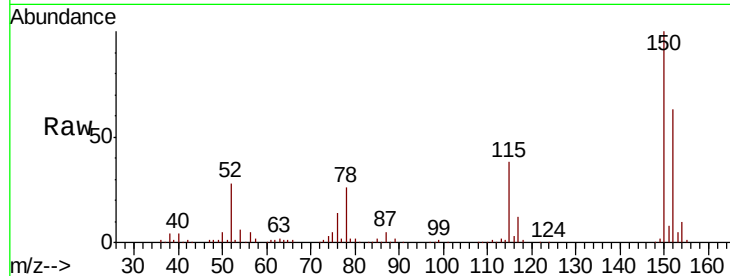


#1

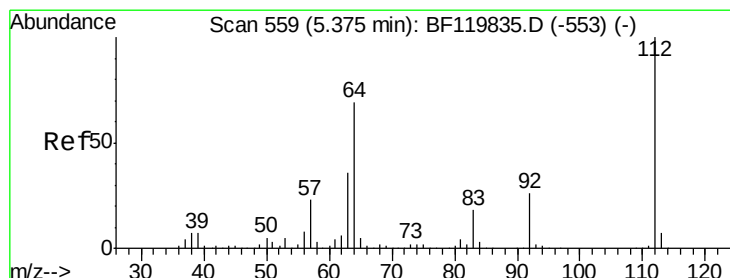
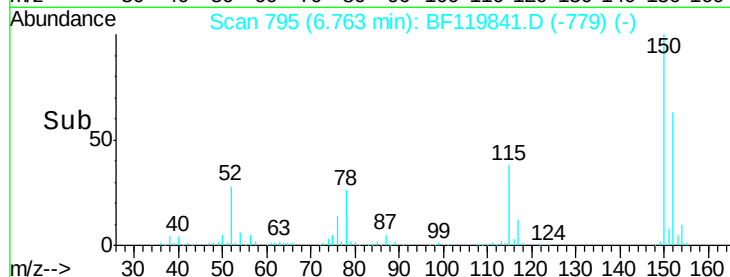
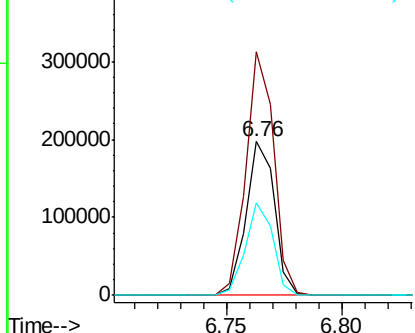
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Instrument :
BNA_F
ClientSampleId :
PB128072BL

Tot Ion:152 Resp: 170056
Ion Ratio Lower Upper
152 100
150 158.6 124.8 187.2
115 60.7 46.5 69.7



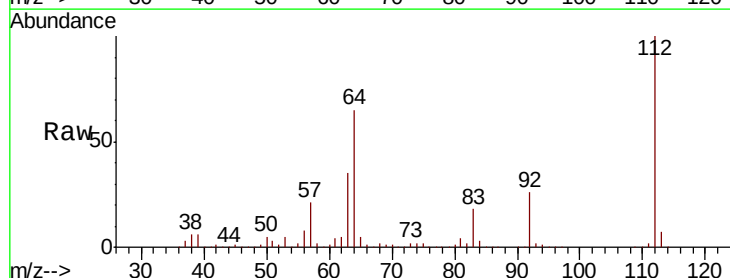
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



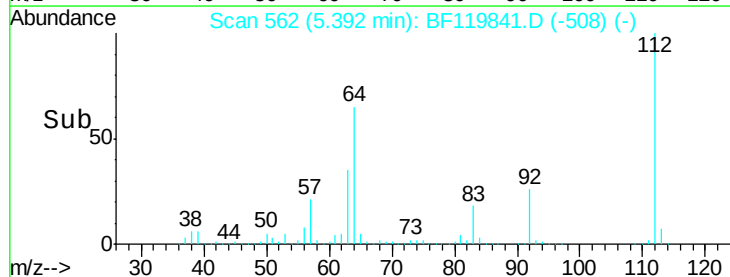
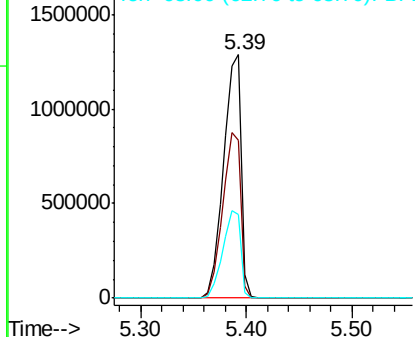
#5

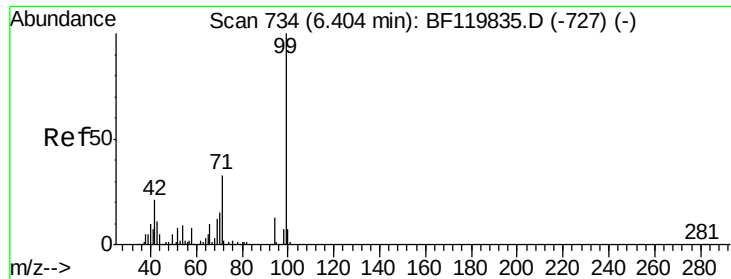
2-Fluorophenol
Concen: 151.967 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.02 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Tgt Ion:112 Resp: 1495384
Ion Ratio Lower Upper
112 100
64 65.1 55.5 83.3
63 34.5 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: 156.702 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

PB128072BL

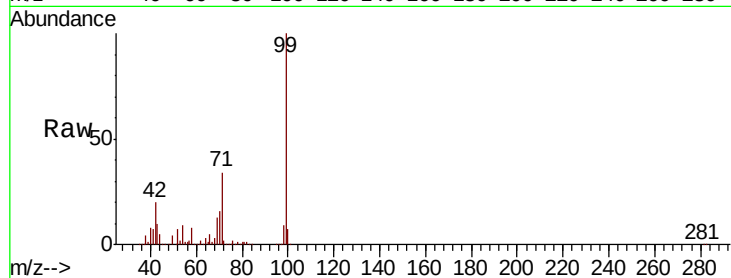
Tot Ion: 99 Resp: 1986906

Ion Ratio Lower Upper

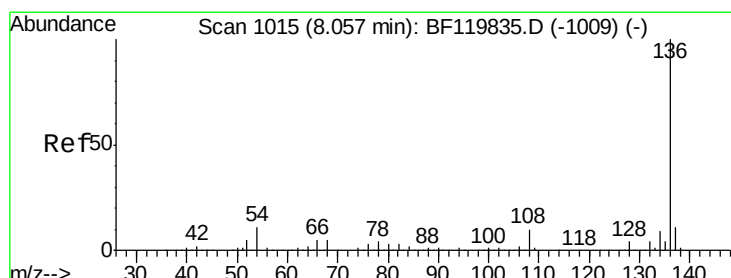
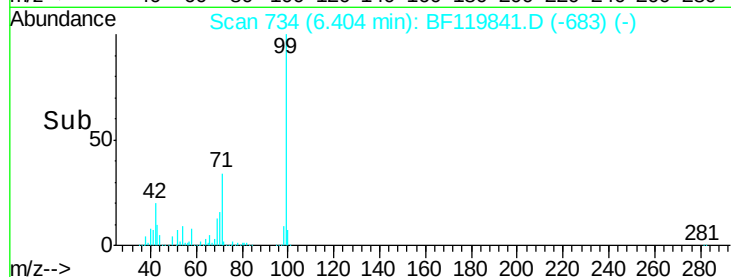
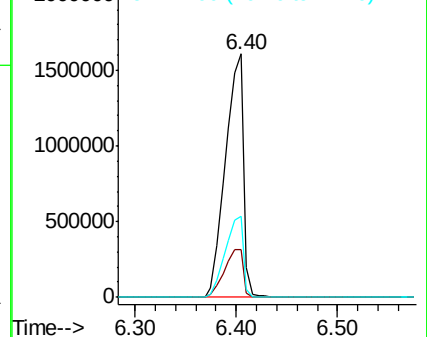
99 100

42 19.8 16.9 25.3

71 33.5 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: BF119841.D

Acq: 8 Apr 2020 23:23

Tgt Ion: 136 Resp: 694885

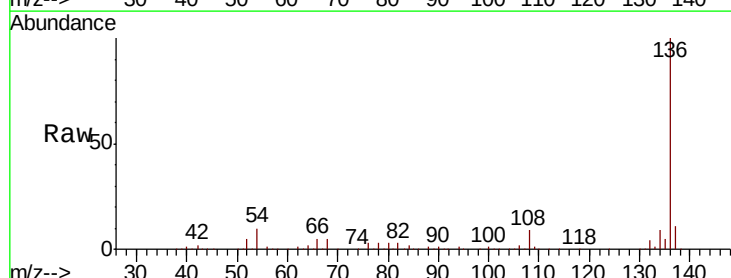
Ion Ratio Lower Upper

136 100

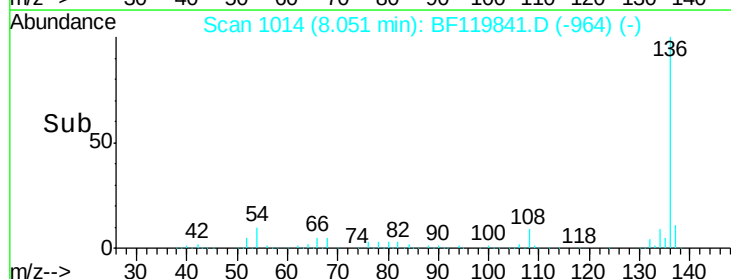
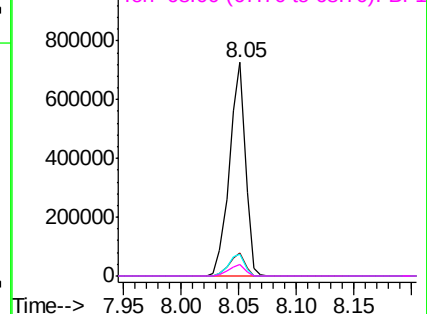
137 10.5 8.7 13.1

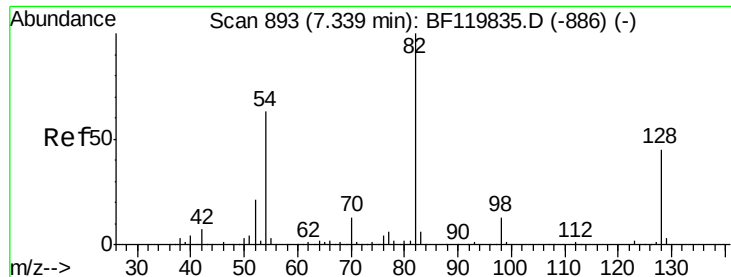
54 10.0 8.5 12.7

68 5.3 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

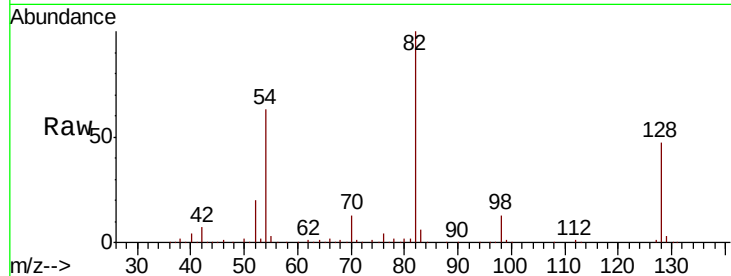




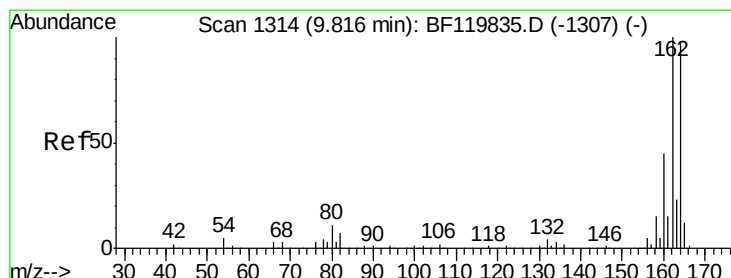
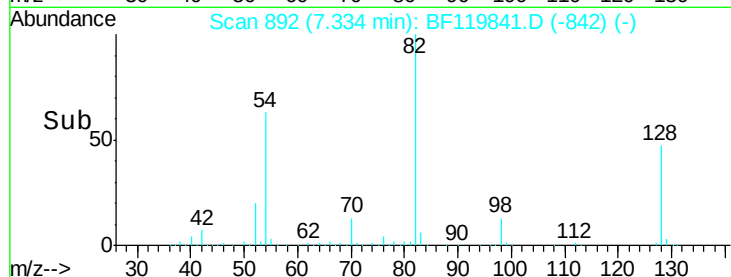
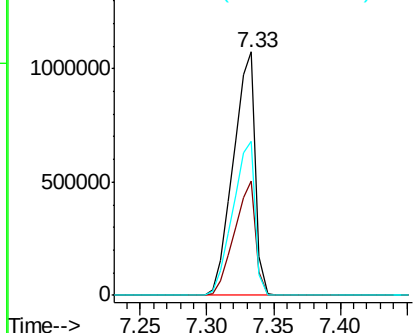
#23
Nitrobenzene-d5
Concen: 92.489 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Instrument :
BNA_F
ClientSampleId :
PB128072BL

Tot Ion: 82 Resp: 1242314
Ion Ratio Lower Upper
82 100
128 47.1 36.2 54.4
54 63.1 50.4 75.6

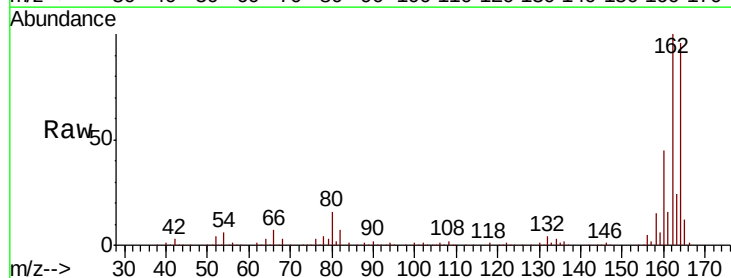


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

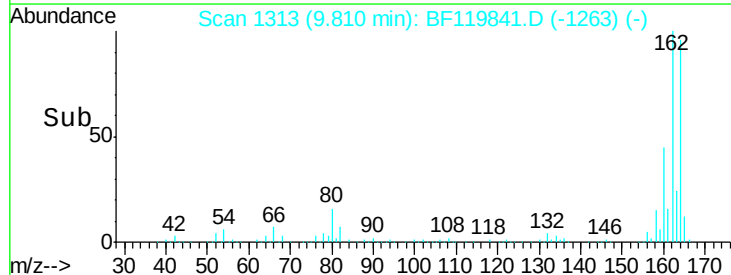
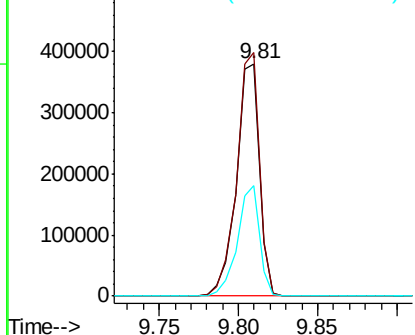


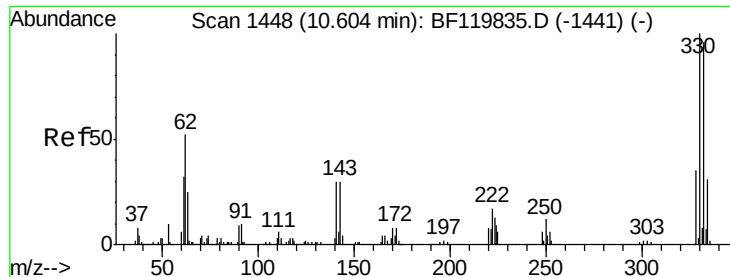
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Tgt Ion:164 Resp: 383980
Ion Ratio Lower Upper
164 100
162 104.7 81.9 122.9
160 47.6 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

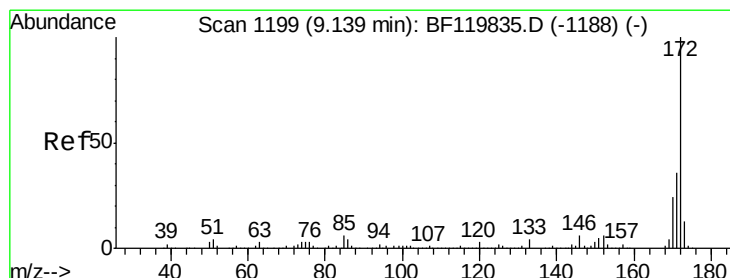
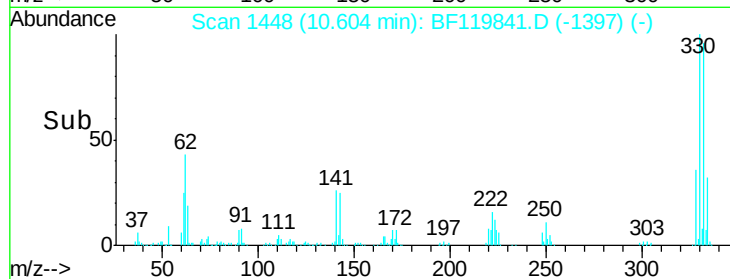
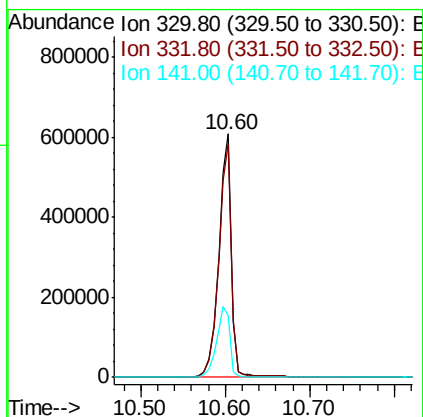
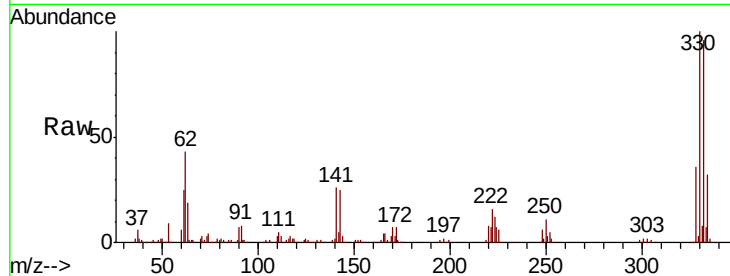




#42
 2,4,6-Tribromophenol
 Concen: 137.413 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

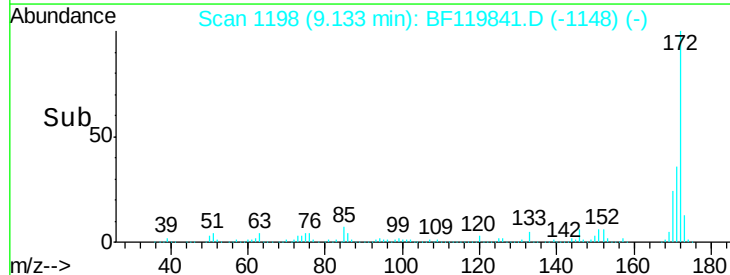
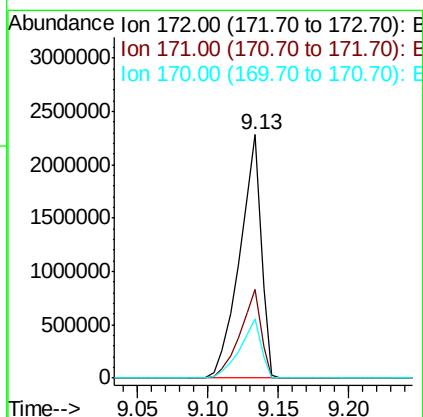
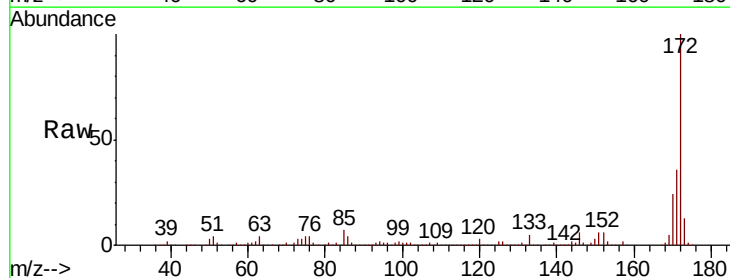
Instrument :
 BNA_F
 ClientSampleId :
 PB128072BL

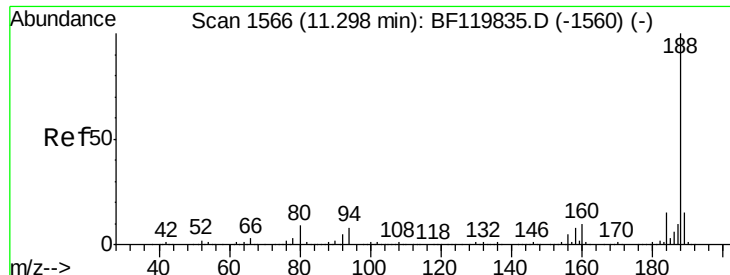
Tot Ion:330 Resp: 646007
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 31.2 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 89.525 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

Tgt Ion:172 Resp: 2421210
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.5 19.4 29.2

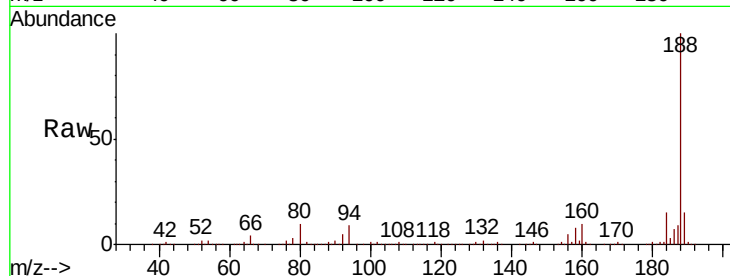




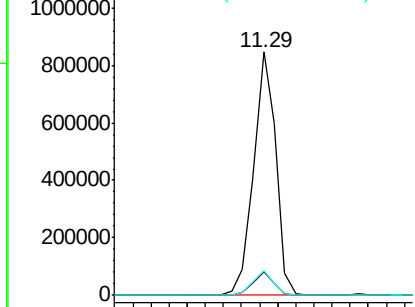
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Instrument :
BNA_F
ClientSampled :
PB128072BL

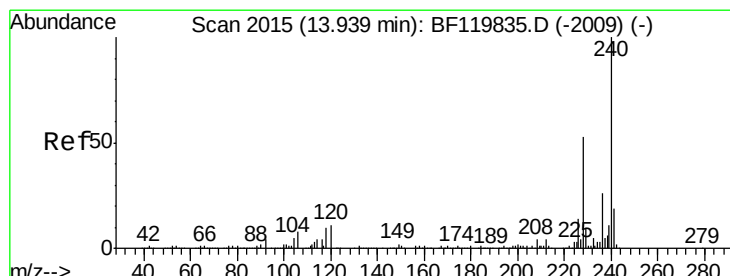
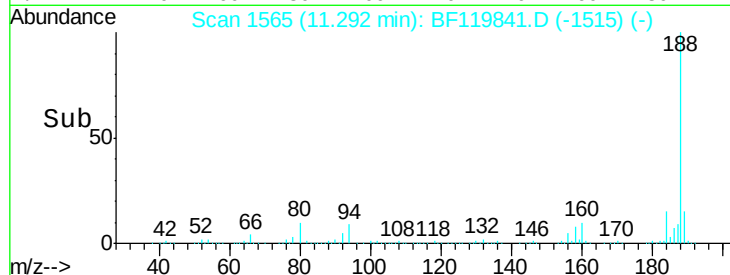
Tot Ion:188 Resp: 720943
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.1 7.4 11.2



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

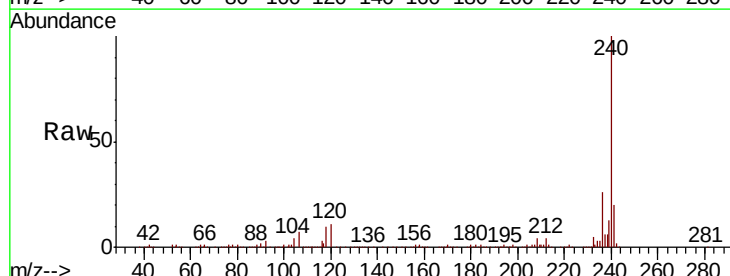


Time-->

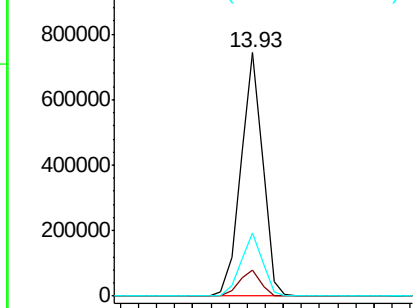


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

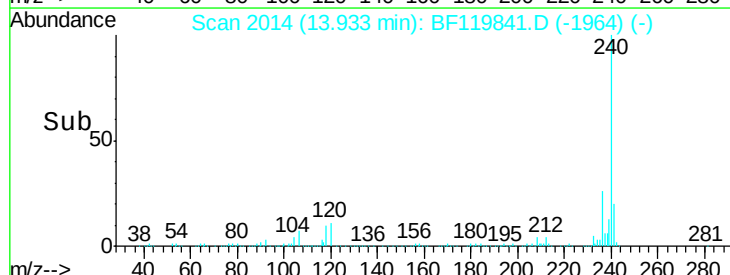
Tgt Ion:240 Resp: 620494
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.6
236 25.9 20.7 31.1

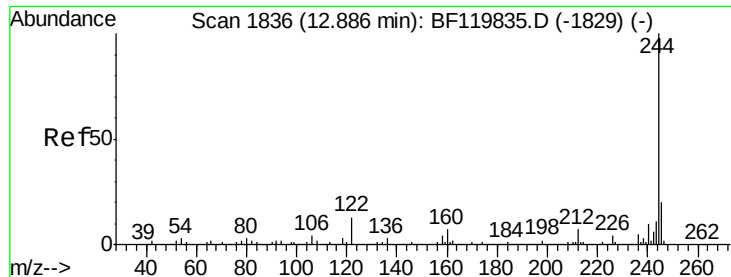


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 85.010 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

PB128072BL

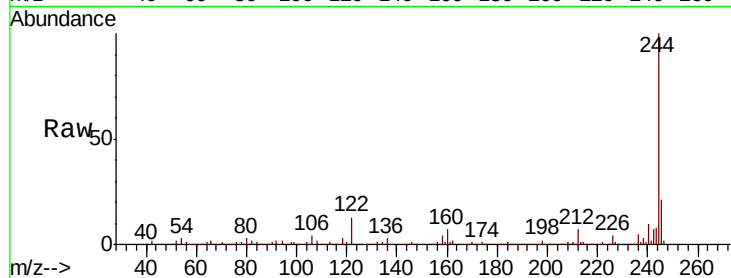
Tot Ion:244 Resp: 3134823

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

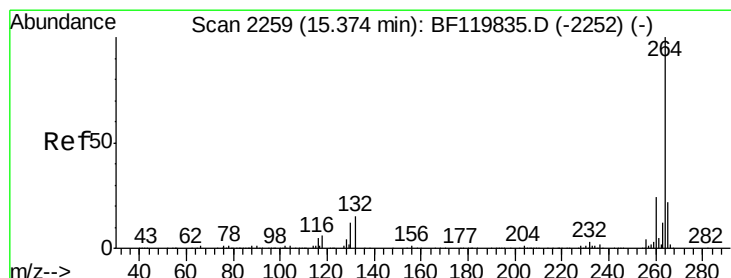
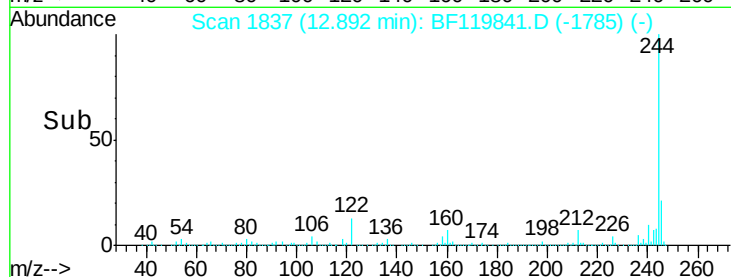
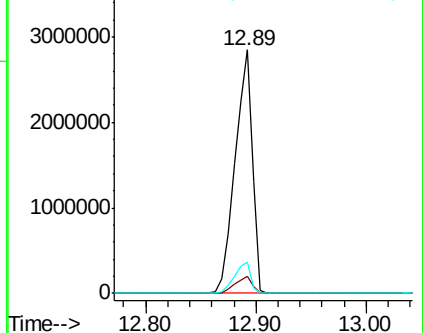
122 12.9 10.3 15.5



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: BF119841.D

Acq: 8 Apr 2020 23:23

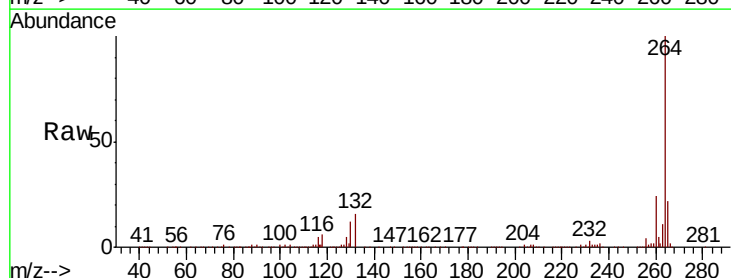
Tgt Ion:264 Resp: 509261

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.9 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

