

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119401.D
 Acq On : 13 Mar 2020 1:22
 Operator : CG/JU
 Sample : L1859-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-SA

Quant Time: Mar 13 04:40:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122164	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	473840	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	267427	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	514726	20.00	ng	0.00
76) Chrysene-d12	13.90	240	410882	20.00	ng	0.01
87) Perylene-d12	15.33	264	380210	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	946759	129.51	ng	0.02
7) Phenol-d6	6.38	99	1045998	117.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	845625	94.23	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	491624	140.53	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1648850	90.83	ng	0.00
79) Terphenyl-d14	12.83	244	2190331	91.78	ng	0.00

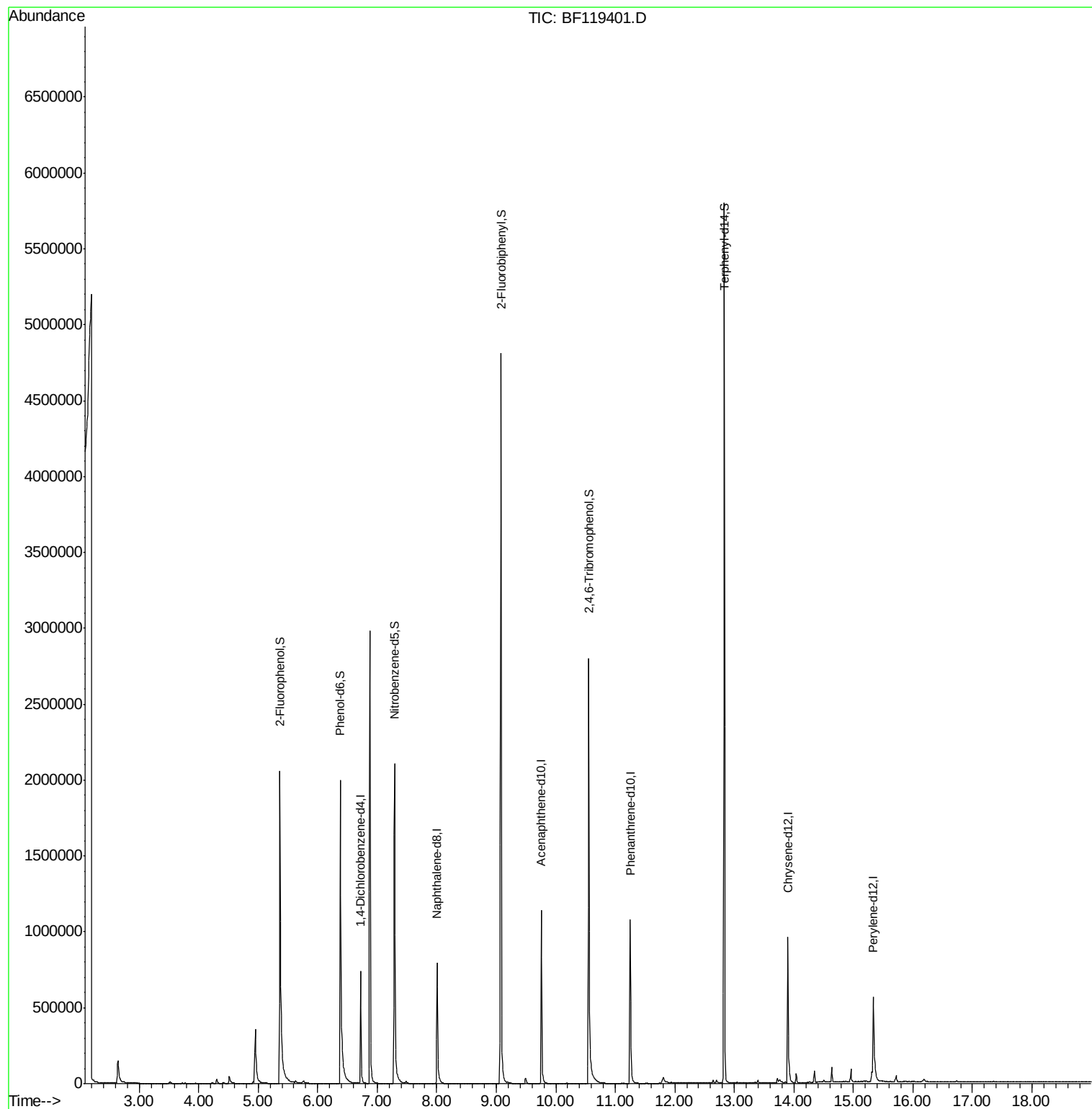
Target Compounds Qvalue

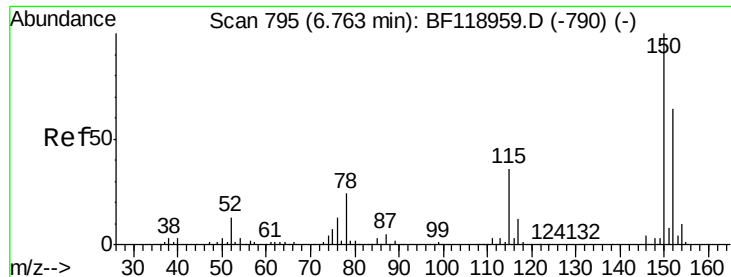
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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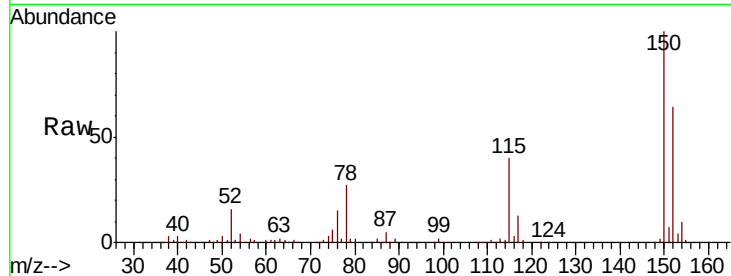


#1

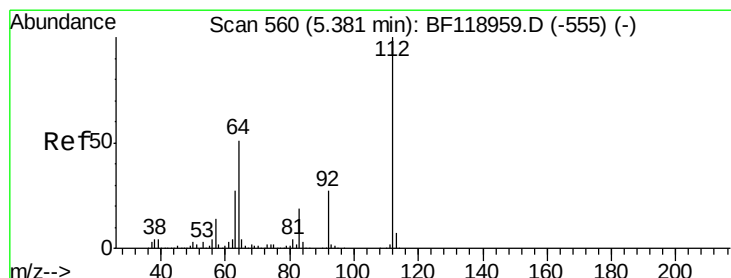
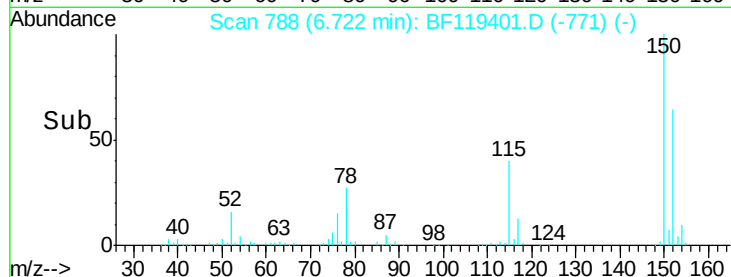
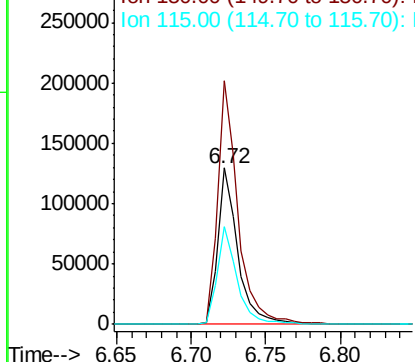
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :
TP-7-SA

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	62.1	49.5	74.3



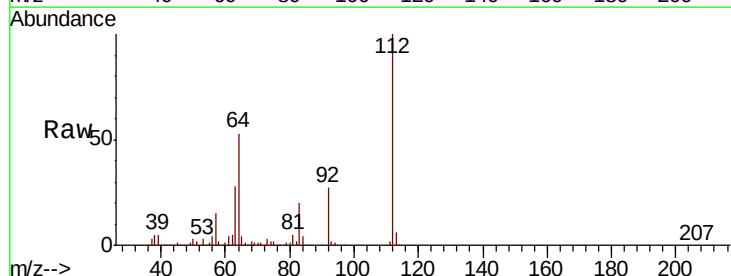
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



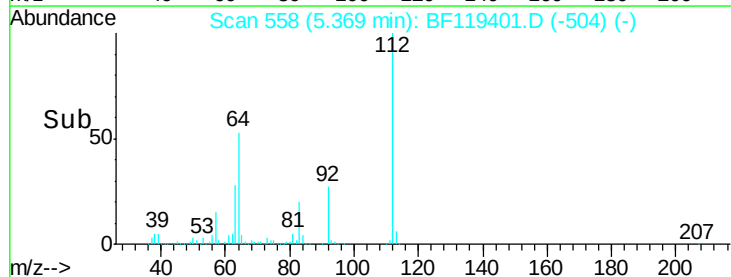
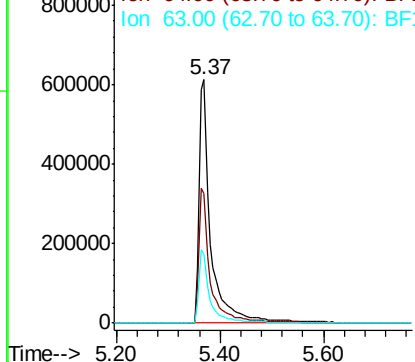
#5

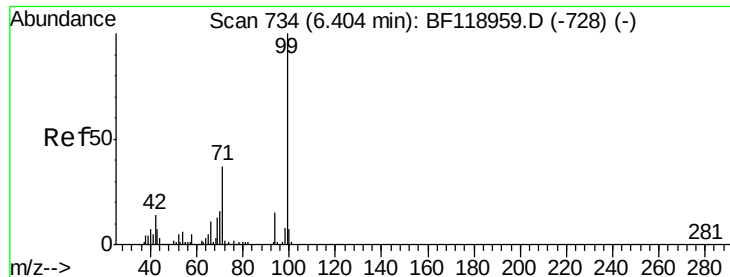
2-Fluorophenol
Concen: 129.515 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	45.0	67.4
63	28.3	24.2	36.4



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: 117.655 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119401.D

Acq: 13 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

TP-7-SA

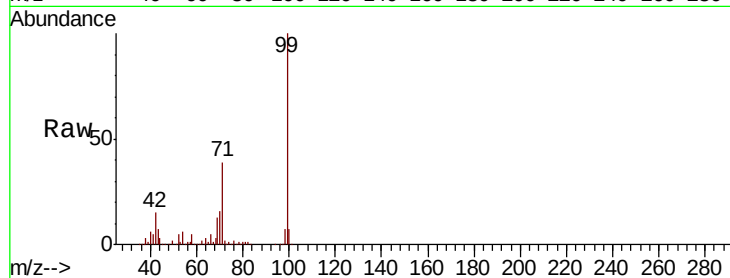
Tot Ion: 99 Resp: 1045998

Ion Ratio Lower Upper

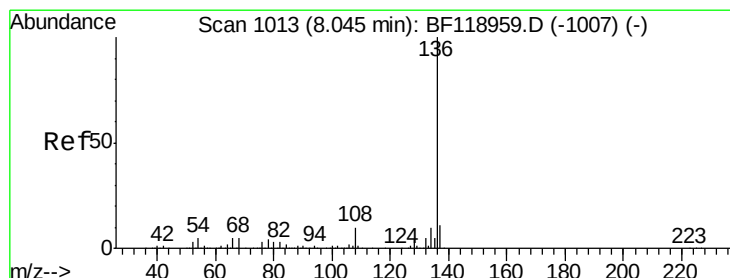
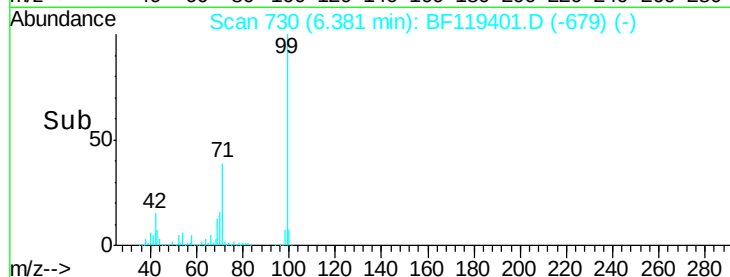
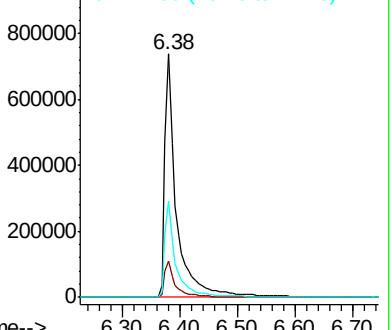
99 100

42 14.9 12.6 18.8

71 39.4 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119401.D

Acq: 13 Mar 2020 1:22

Tgt Ion: 136 Resp: 473840

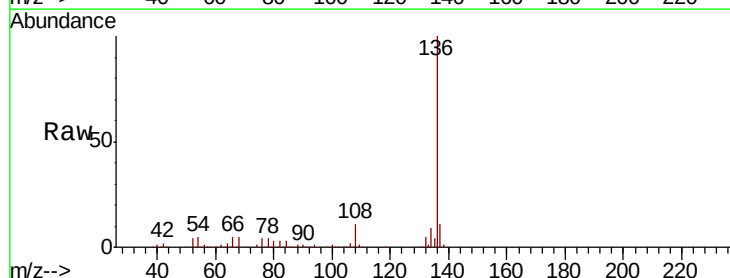
Ion Ratio Lower Upper

136 100

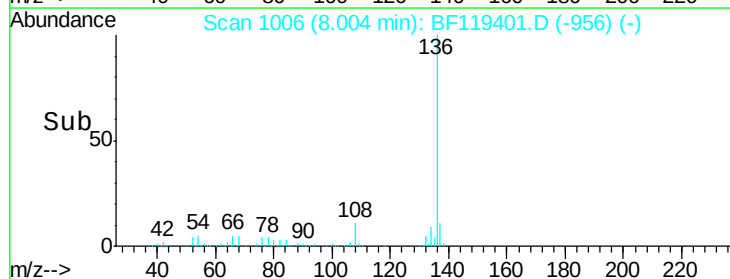
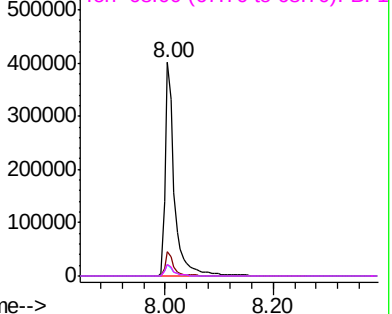
137 11.2 8.8 13.2

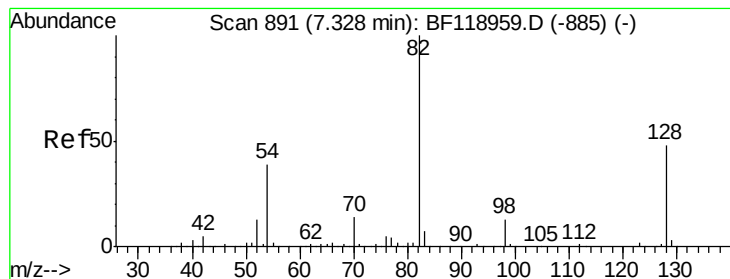
54 5.4 3.8 5.6

68 5.4 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: 94.228 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119401.D

Acq: 13 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

TP-7-SA

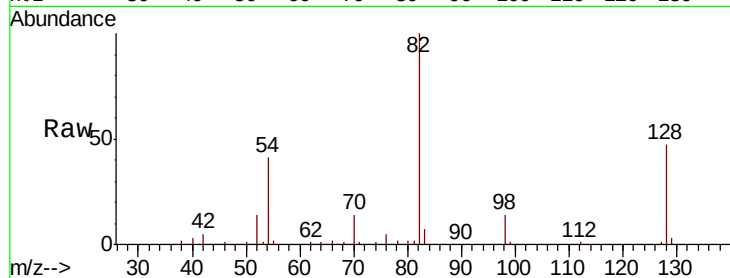
Tot Ion: 82 Resp: 845625

Ion Ratio Lower Upper

82 100

128 46.6 37.9 56.9

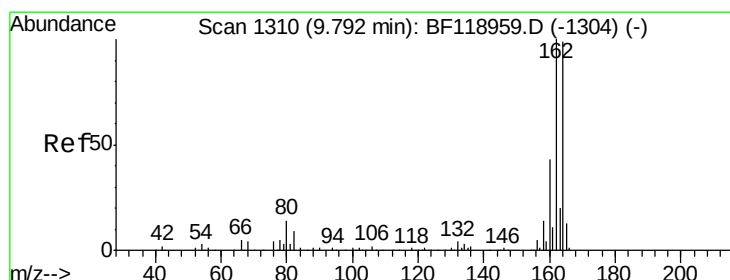
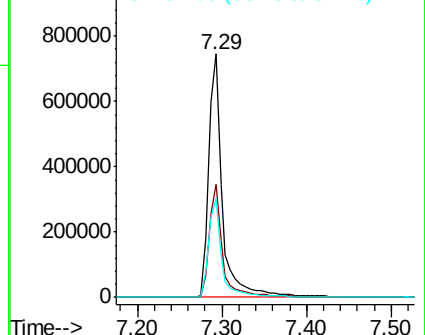
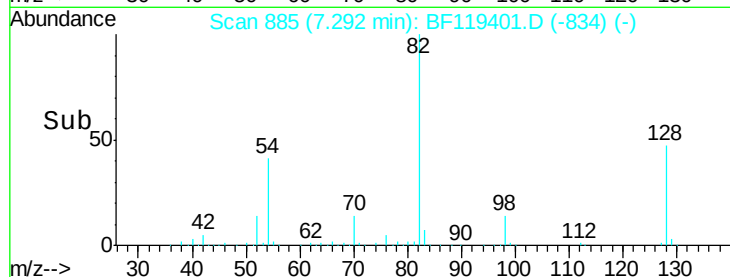
54 40.6 33.4 50.2



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119401.D

Acq: 13 Mar 2020 1:22

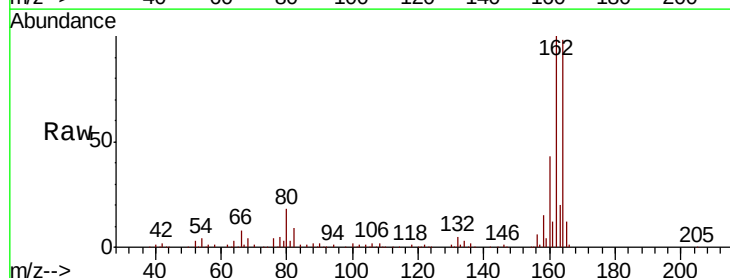
Tgt Ion: 164 Resp: 267427

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.8

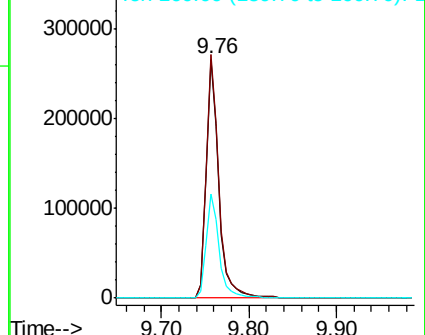
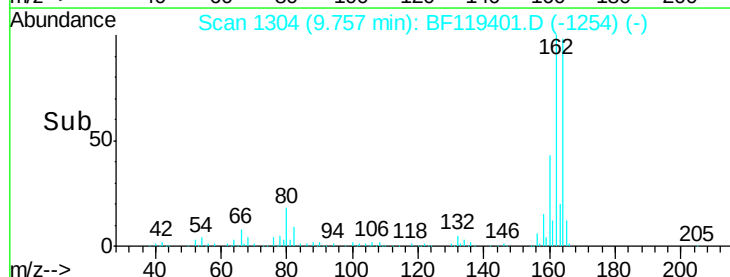
160 43.8 36.0 54.0

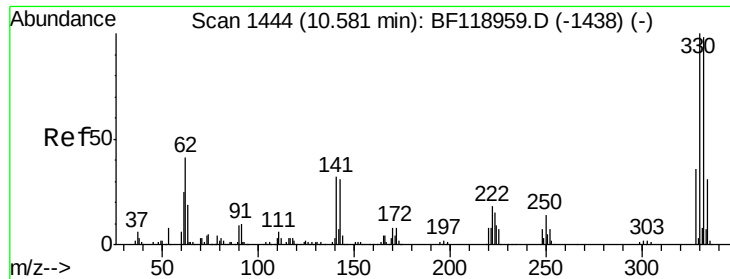


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

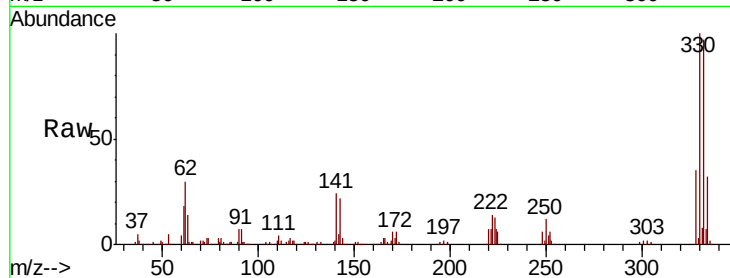




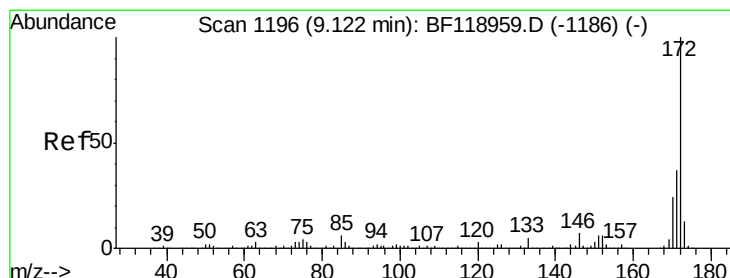
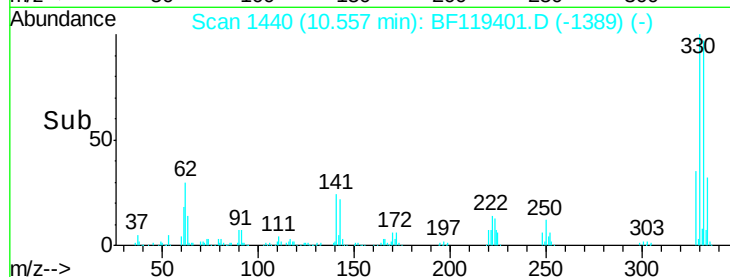
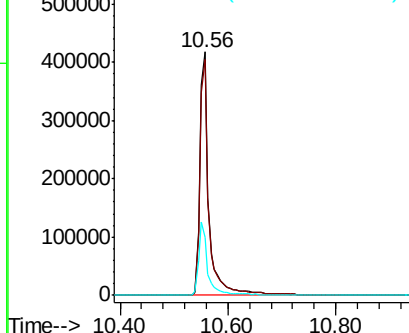
#42
 2,4,6-Tribromophenol
 Concen: 140.528 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampled :
 TP-7-SA

Tot Ion:330 Resp: 491624
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 30.4 22.9 34.3

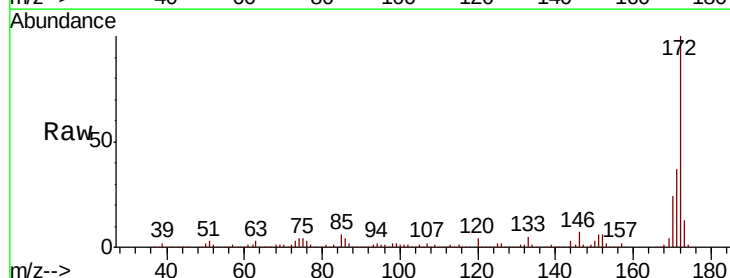


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

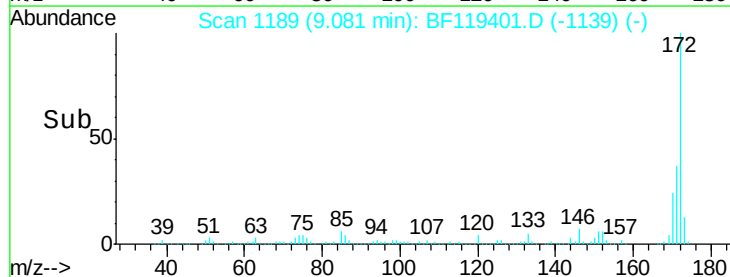
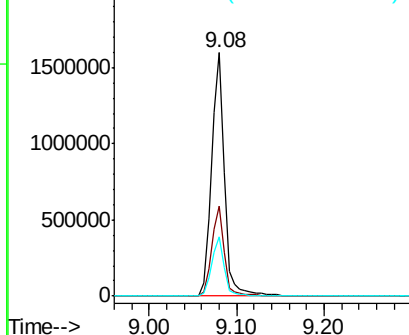


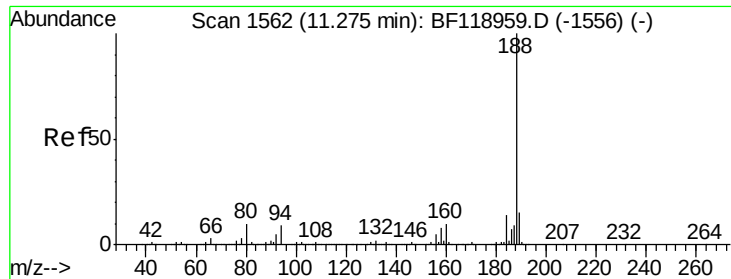
#45
 2-Fluorobiphenyl
 Concen: 90.830 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

Tgt Ion:172 Resp: 1648850
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 45.8
 170 24.3 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

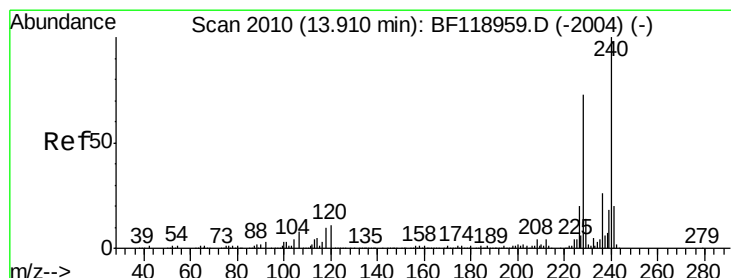
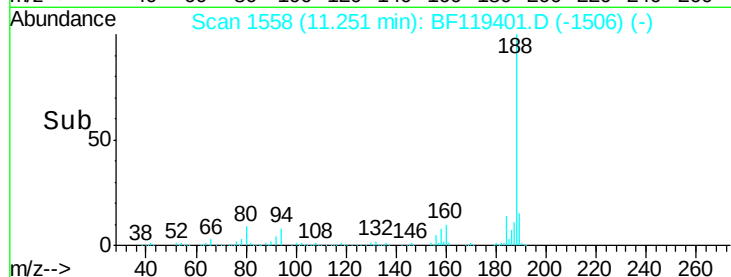
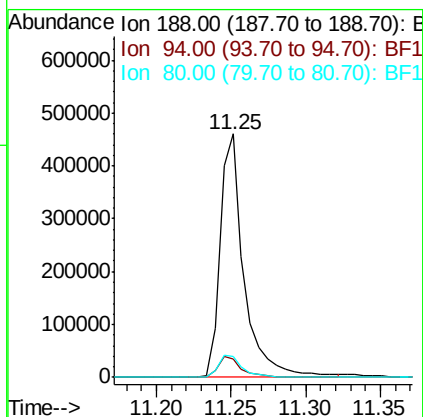
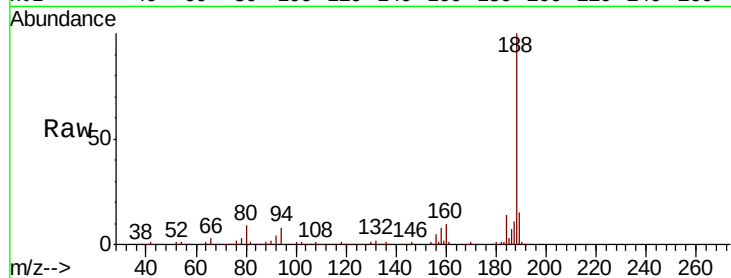




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

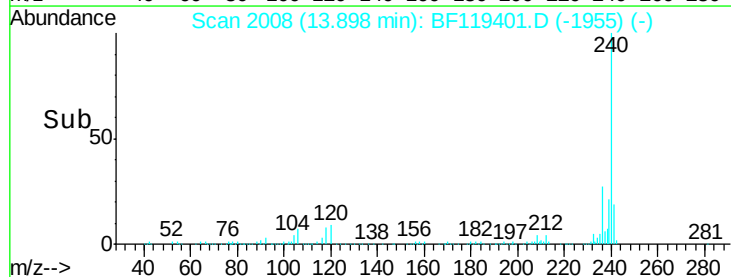
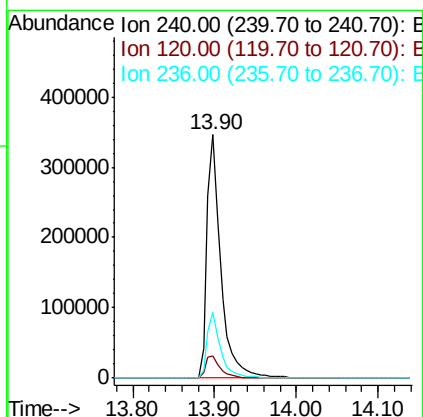
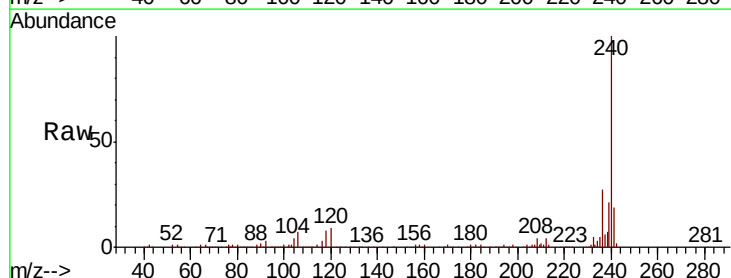
Instrument :
BNA_F
ClientSampleId :
TP-7-SA

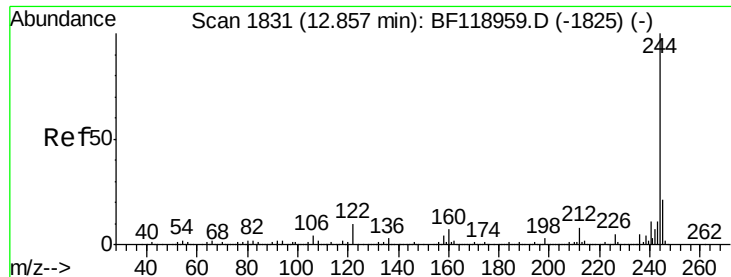
Tot Ion:188 Resp: 514726
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.6 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Tgt Ion:240 Resp: 410882
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 26.8 21.0 31.4

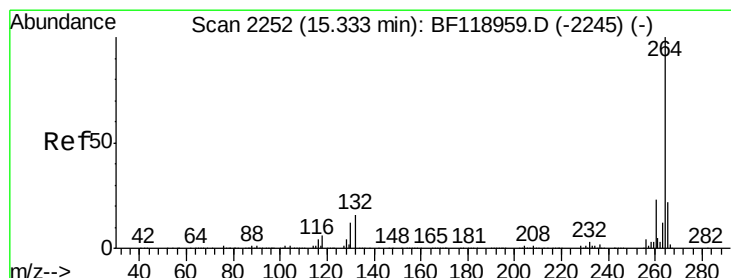
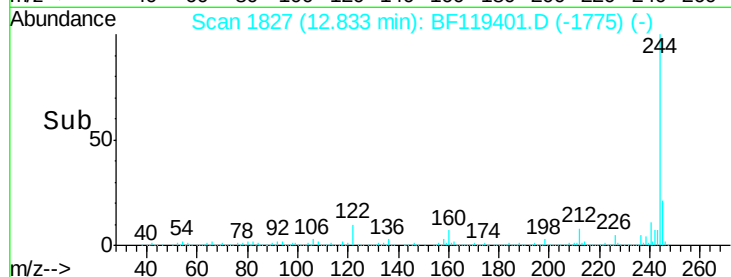
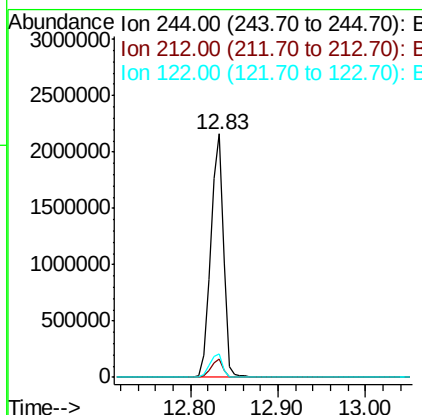
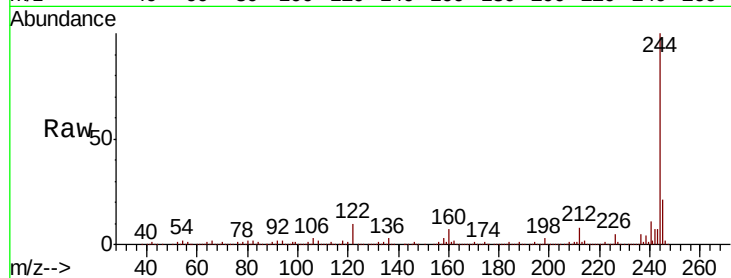




#79
 Terphenyl-d14
 Concen: 91.779 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-SA

Tot Ion:244 Resp: 2190331
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 9.7 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

Tgt Ion:264 Resp: 380210
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.2 17.7 26.5

