

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119400.D
 Acq On : 13 Mar 2020 00:53
 Operator : CG/JU
 Sample : L1871-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-SA

Quant Time: Mar 13 04:36:11 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

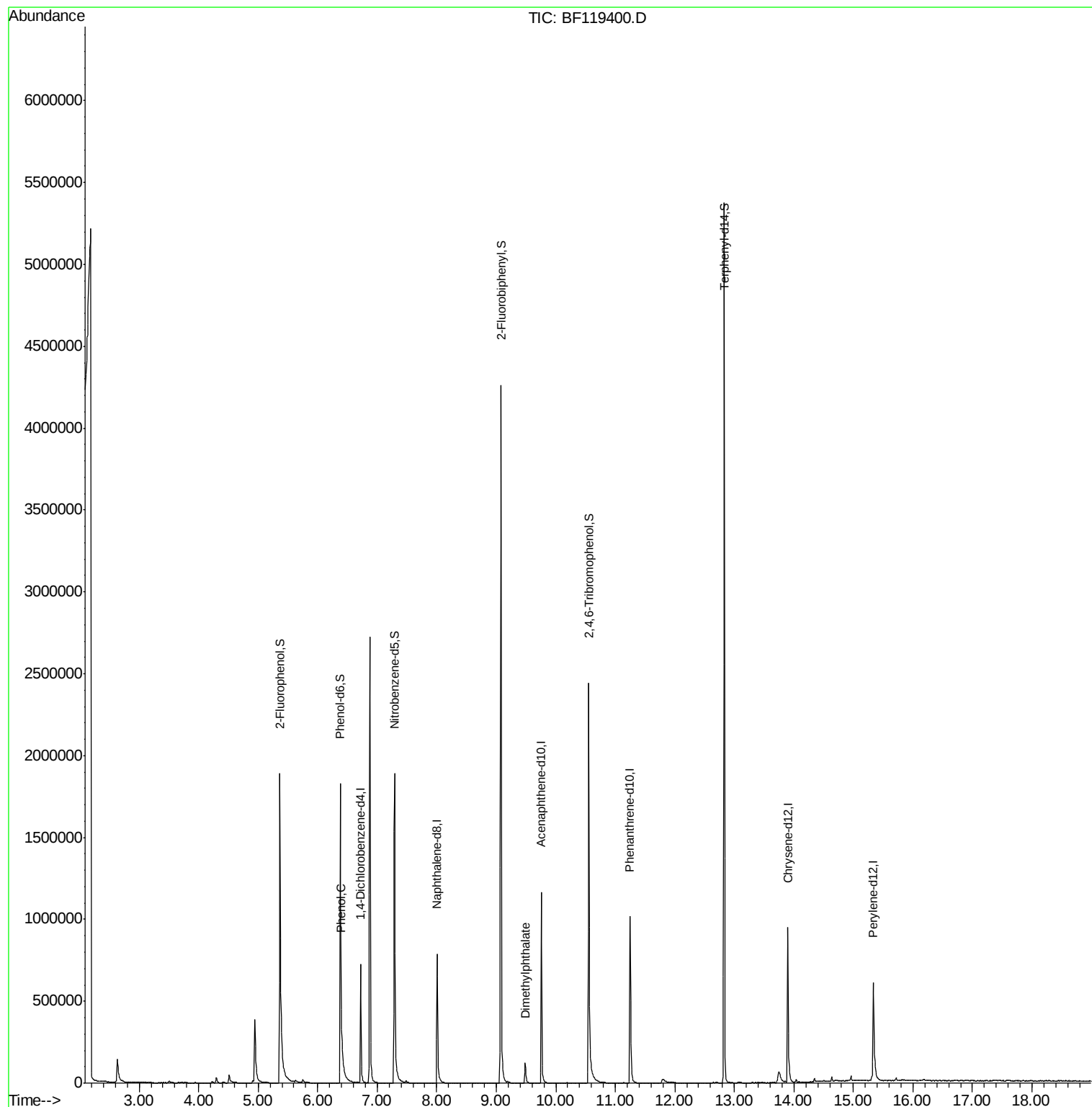
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122204	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	474669	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	262652	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	524705	20.00	ng	0.00
76) Chrysene-d12	13.90	240	426836	20.00	ng	0.01
87) Perylene-d12	15.33	264	410339	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	845340	115.60	ng	0.01
7) Phenol-d6	6.38	99	938404	105.52	ng	0.00
23) Nitrobenzene-d5	7.29	82	773448	86.03	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	431838	125.68	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1476440	82.81	ng	0.00
79) Terphenyl-d14	12.83	244	2021366	81.53	ng	0.00
Target Compounds						
10) Phenol	6.40	94	20636	2.146	ng	Qvalue # 60
50) Dimethylphthalate	9.49	163	76194	3.794	ng	98

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

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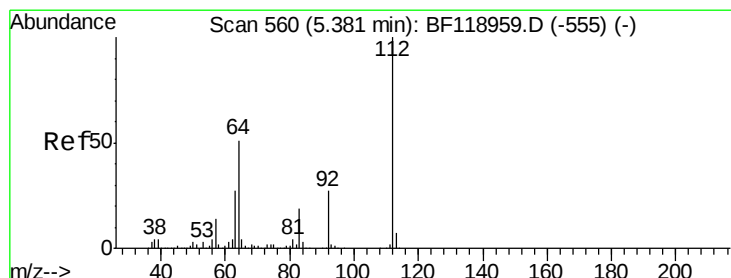
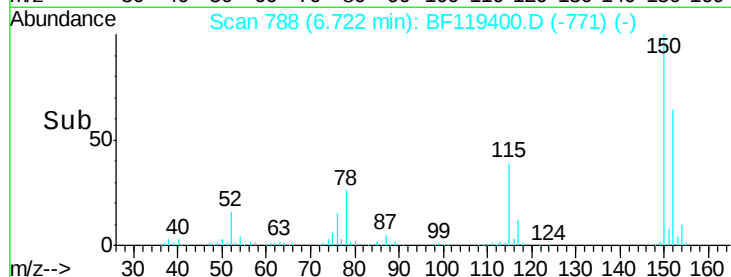
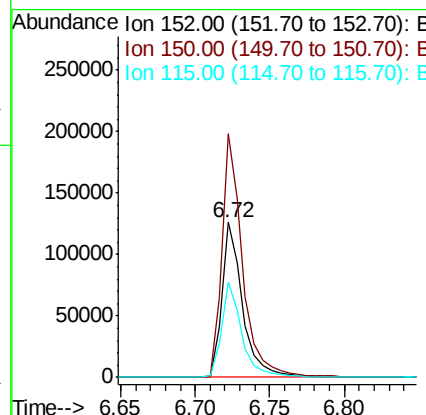
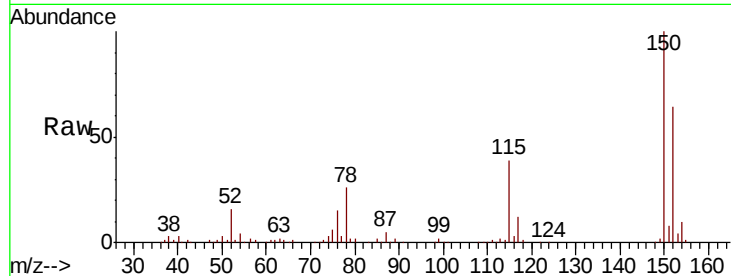


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119400.D
Acq: 13 Mar 2020 00:53

Instrument :
BNA_F
ClientSampleId :
TP-18-SA

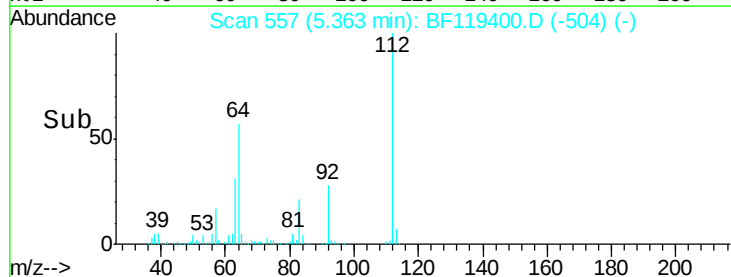
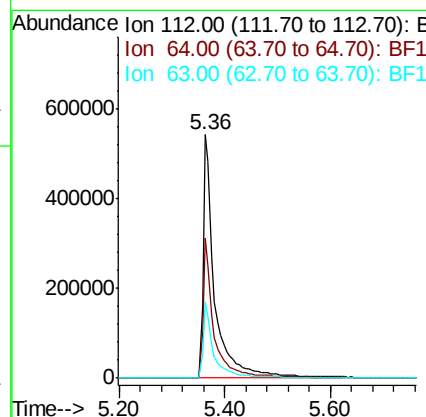
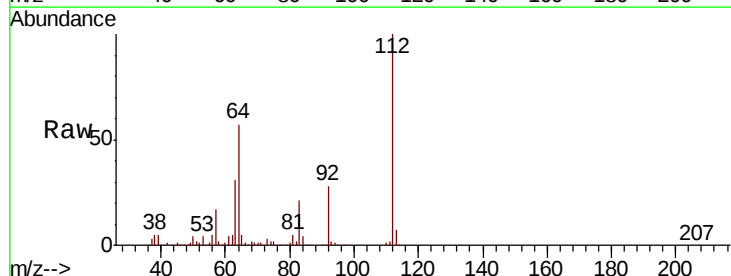
Tot Ion:152 Resp: 122204
Ion Ratio Lower Upper
152 100
150 157.3 123.0 184.6
115 61.8 49.5 74.3



#5

2-Fluorophenol
Concen: 115.603 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119400.D
Acq: 13 Mar 2020 00:53

Tgt Ion:112 Resp: 845340
Ion Ratio Lower Upper
112 100
64 57.3 45.0 67.4
63 31.4 24.2 36.4





#7

Phenol-d6

Concen: 105.518 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119400.D

Acq: 13 Mar 2020 00:53

Instrument :

BNA_F

ClientSampleId :

TP-18-SA

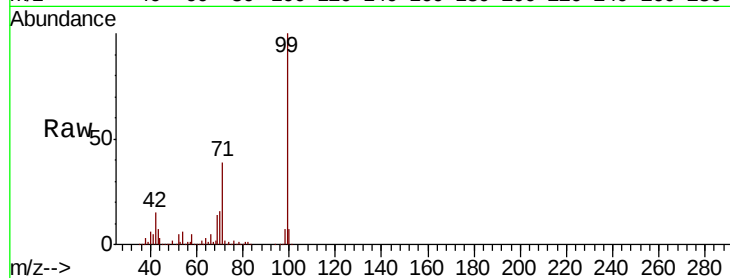
Tot Ion: 99 Resp: 938404

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 38.9 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

800000

600000

400000

200000

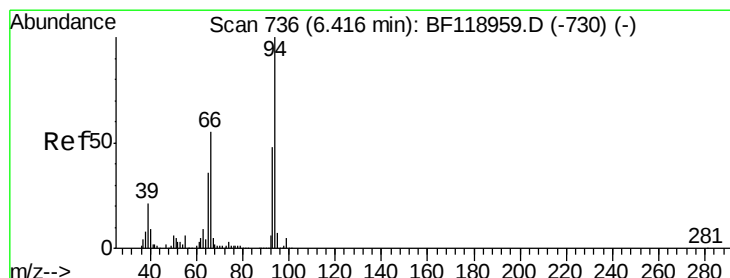
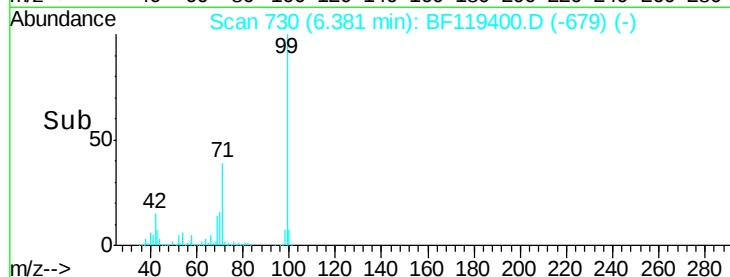
0

6.38

6.40

6.60

Time-->



#10

Phenol

Concen: 2.146 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119400.D

Acq: 13 Mar 2020 00:53

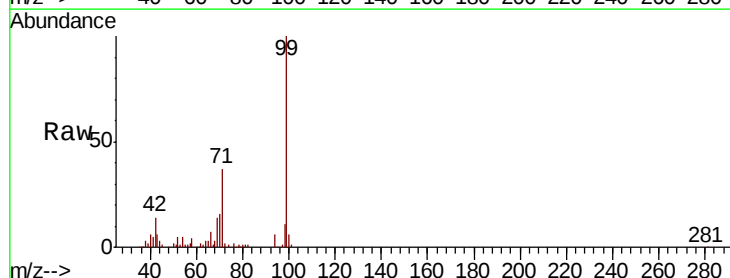
Tgt Ion: 94 Resp: 20636

Ion Ratio Lower Upper

94 100

65 40.9 19.2 59.2

66 113.2 44.4 84.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

40000

30000

20000

10000

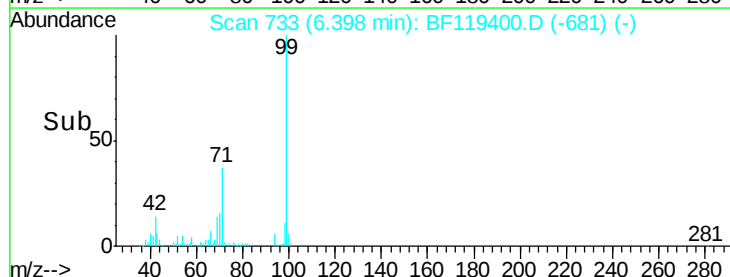
0

6.40

6.45

6.50

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119400.D

Acq: 13 Mar 2020 00:53

Instrument :

BNA_F

ClientSampleId :

TP-18-SA

Tot Ion:136 Resp: 474669

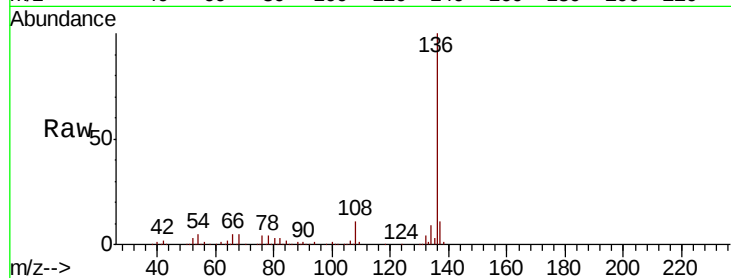
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.2 3.8 5.6

68 5.5 3.9 5.9

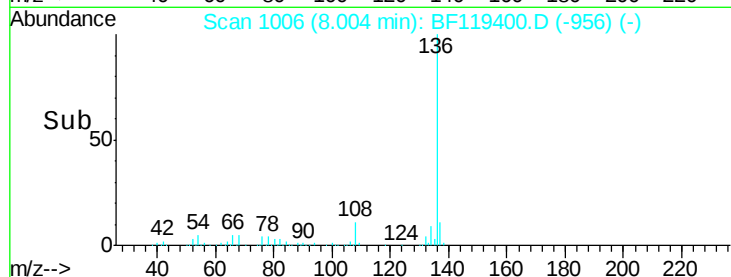


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

8.00

400000

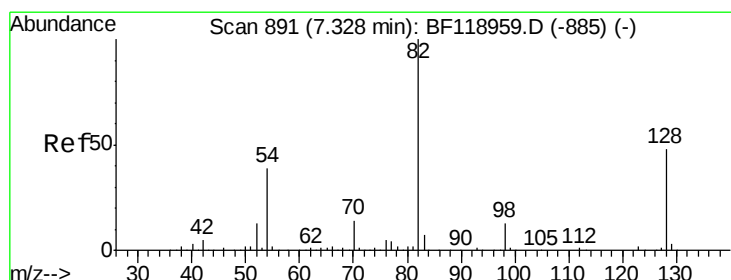
300000

200000

100000

0

7.90 8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 86.035 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119400.D

Acq: 13 Mar 2020 00:53

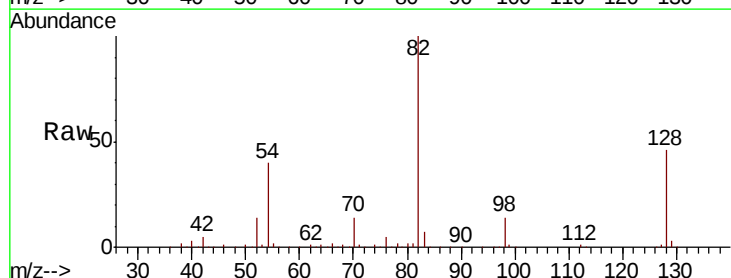
Tgt Ion: 82 Resp: 773448

Ion Ratio Lower Upper

82 100

128 46.3 37.9 56.9

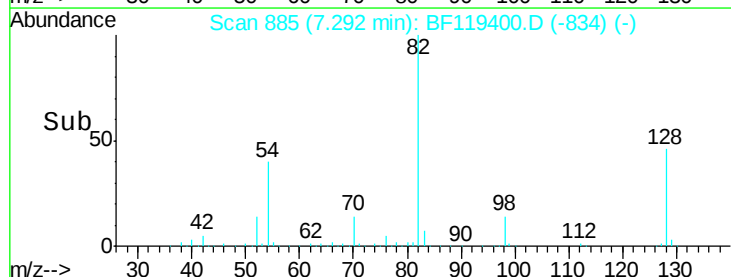
54 39.9 33.4 50.2



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



Time-->

7.29

800000

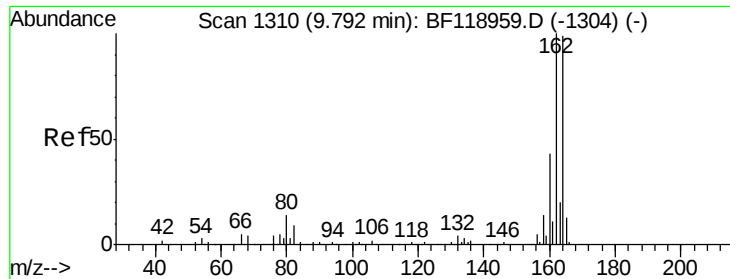
600000

400000

200000

0

7.20 7.40 7.60



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119400.D

Acq: 13 Mar 2020 00:53

Instrument :

BNA_F

ClientSampleId :

TP-18-SA

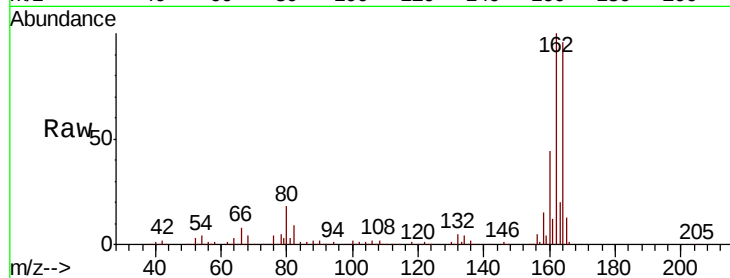
Tot Ion:164 Resp: 262652

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.8

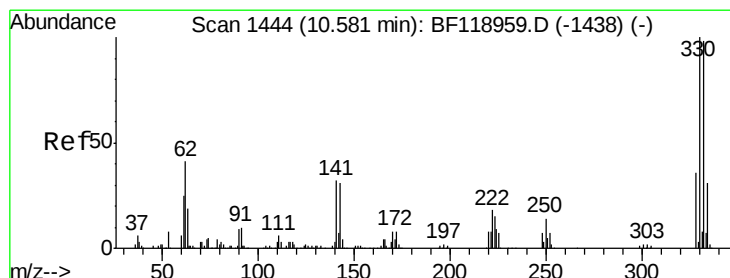
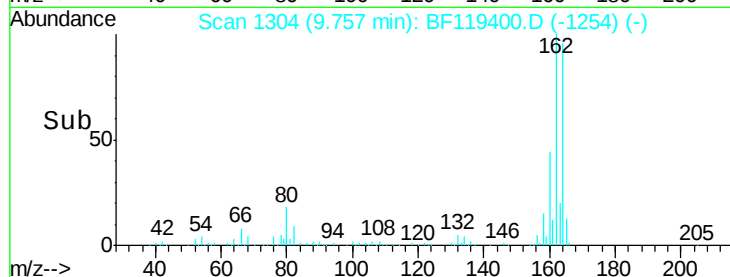
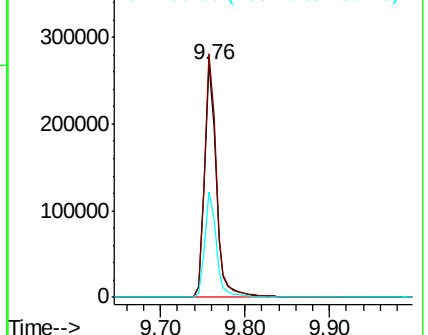
160 45.5 36.0 54.0



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: 125.683 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119400.D

Acq: 13 Mar 2020 00:53

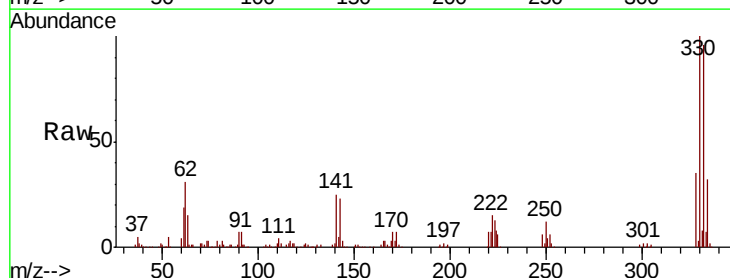
Tgt Ion:330 Resp: 431838

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

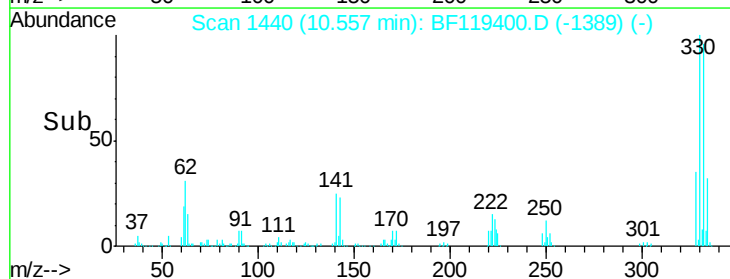
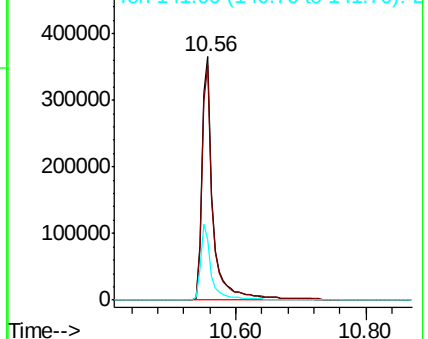
141 30.9 22.9 34.3

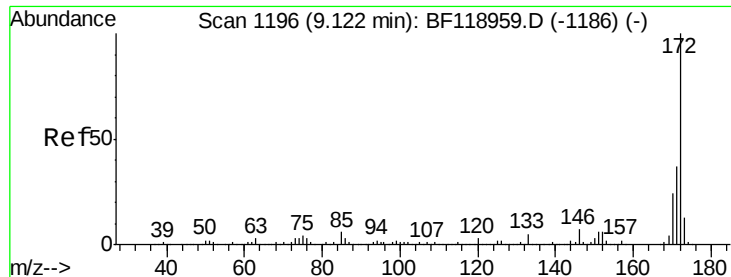


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

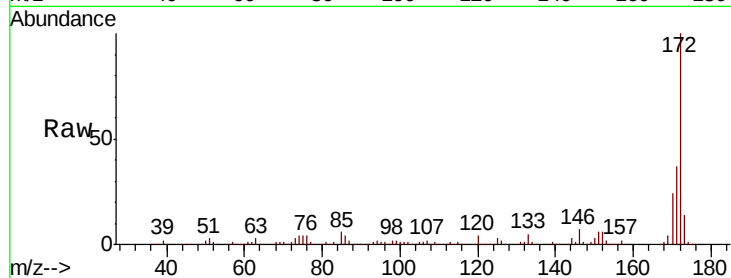




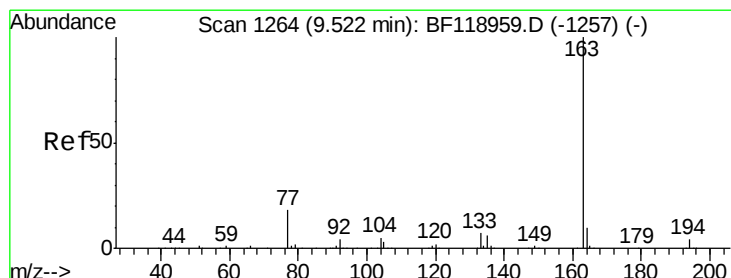
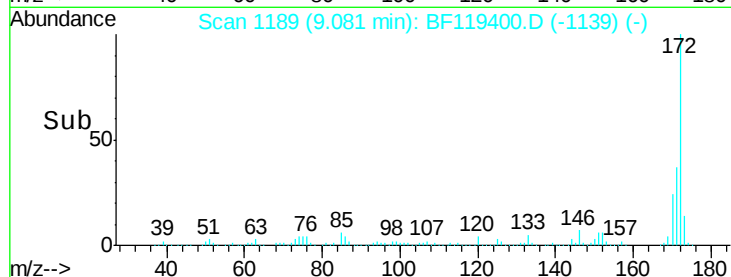
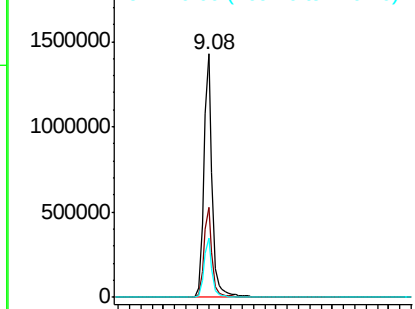
#45
2-Fluorobiphenyl
Concen: 82.811 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119400.D
Acq: 13 Mar 2020 00:53

Instrument :
BNA_F
ClientSampleId :
TP-18-SA

Tot Ion:172 Resp: 1476440
Ion Ratio Lower Upper
172 100
171 36.8 30.6 45.8
170 24.4 20.2 30.2

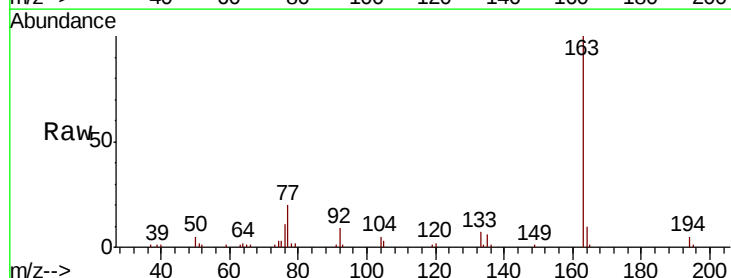


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

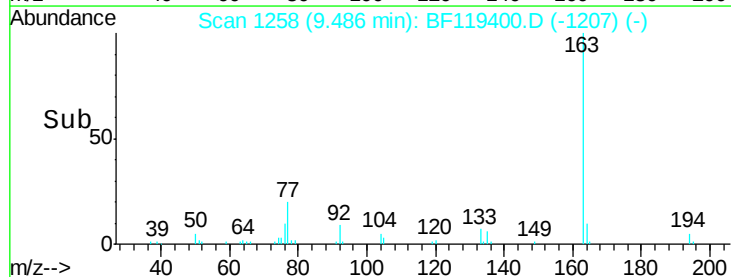
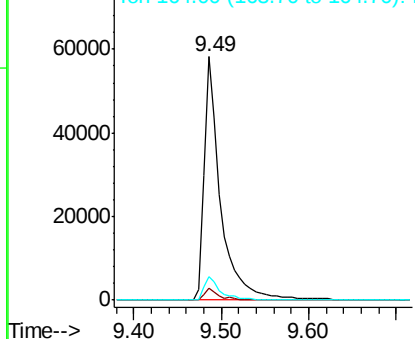


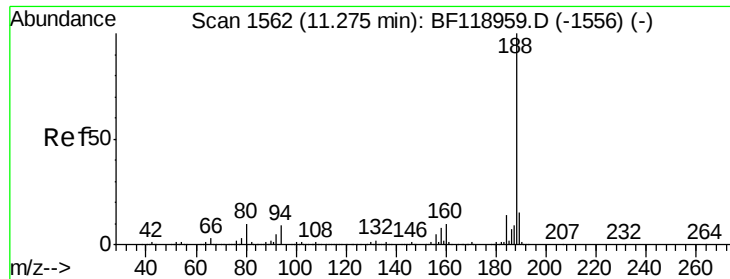
#50
Dimethylphthalate
Concen: 3.794 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119400.D
Acq: 13 Mar 2020 00:53

Tgt Ion:163 Resp: 76194
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

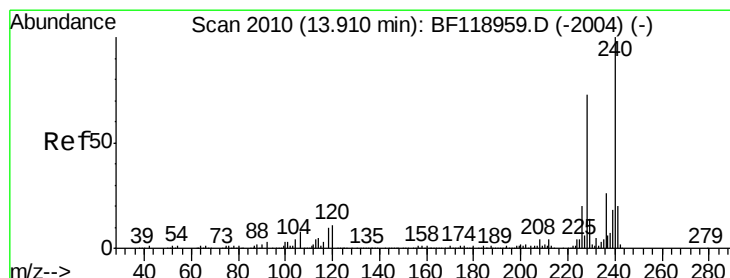
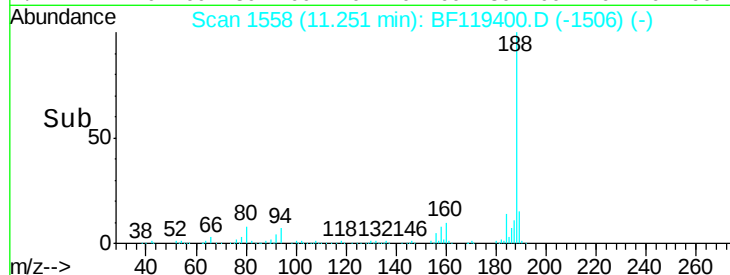
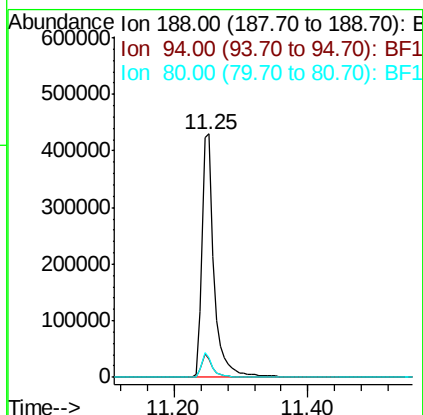
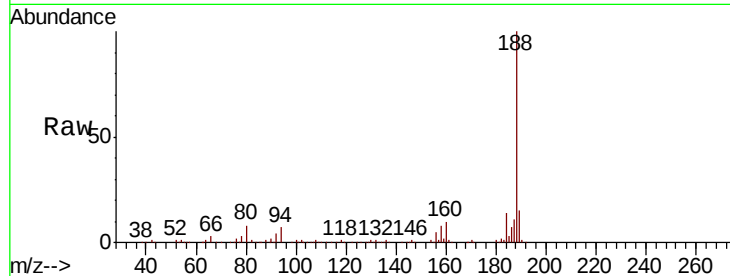




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119400.D
Acq: 13 Mar 2020 00:53

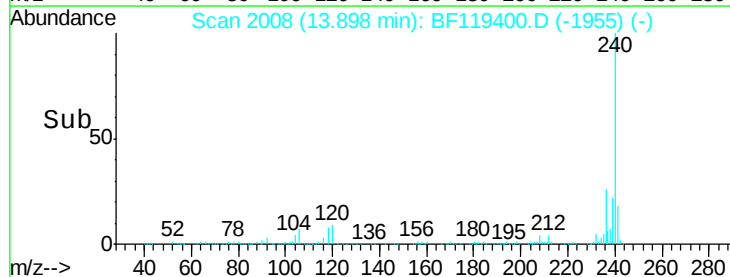
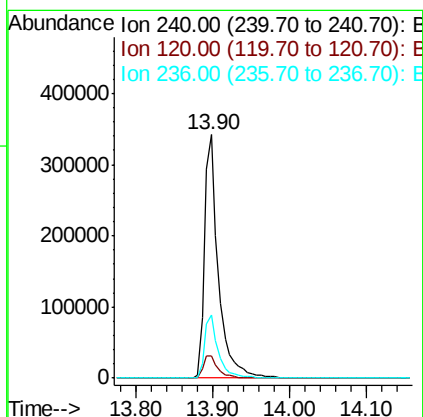
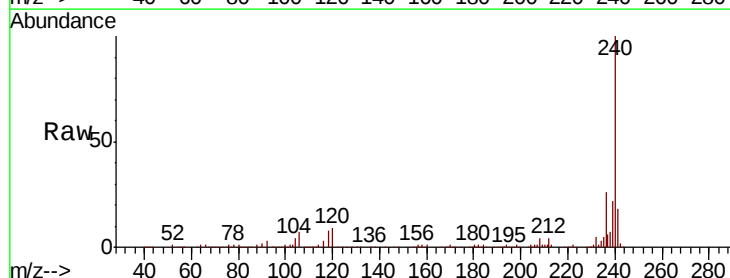
Instrument :
BNA_F
ClientSampled :
TP-18-SA

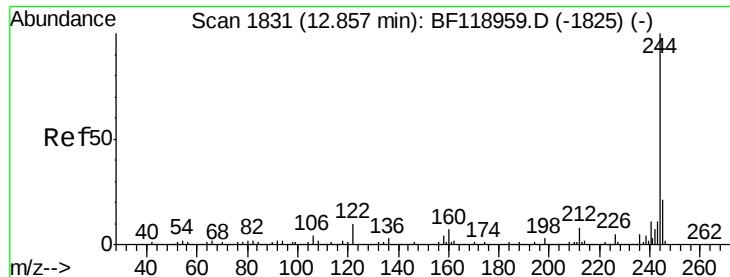
Tot Ion:188 Resp: 524705
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.3 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119400.D
Acq: 13 Mar 2020 00:53

Tgt Ion:240 Resp: 426836
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 81.533 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119400.D

Acq: 13 Mar 2020 00:53

Instrument :

BNA_F

ClientSampled :

TP-18-SA

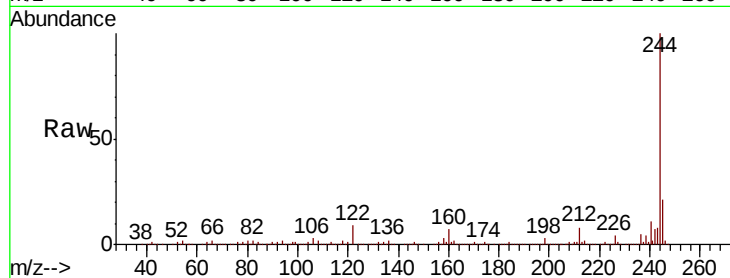
Tot Ion:244 Resp: 2021366

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

122 9.1 8.2 12.2



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

12.83

2500000

2000000

1500000

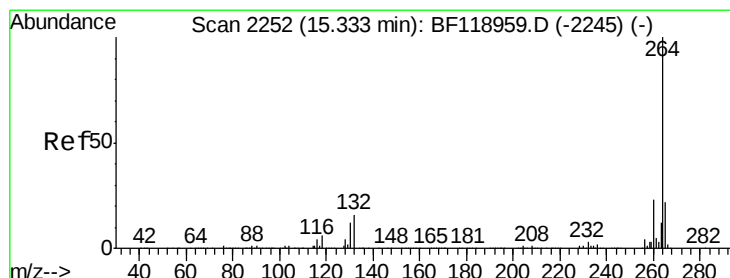
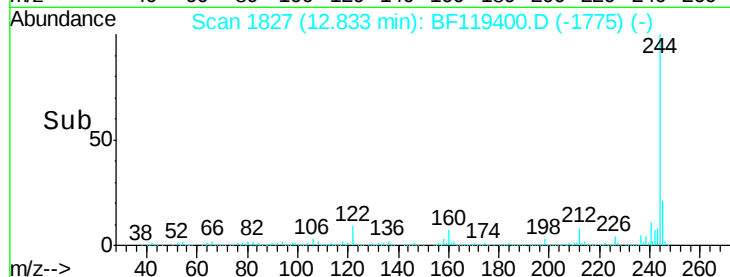
1000000

500000

0

Time-->

12.80 12.90



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119400.D

Acq: 13 Mar 2020 00:53

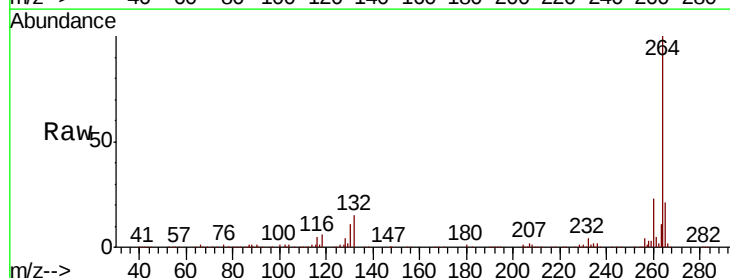
Tgt Ion:264 Resp: 410339

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 21.0 17.7 26.5



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

15.33

300000

250000

200000

150000

100000

50000

0

Time-->

15.20 15.40 15.60

