

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119261.D
 Acq On : 6 Mar 2020 20:41
 Operator : CG/JU
 Sample : L1818-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Mar 07 02:21:33 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

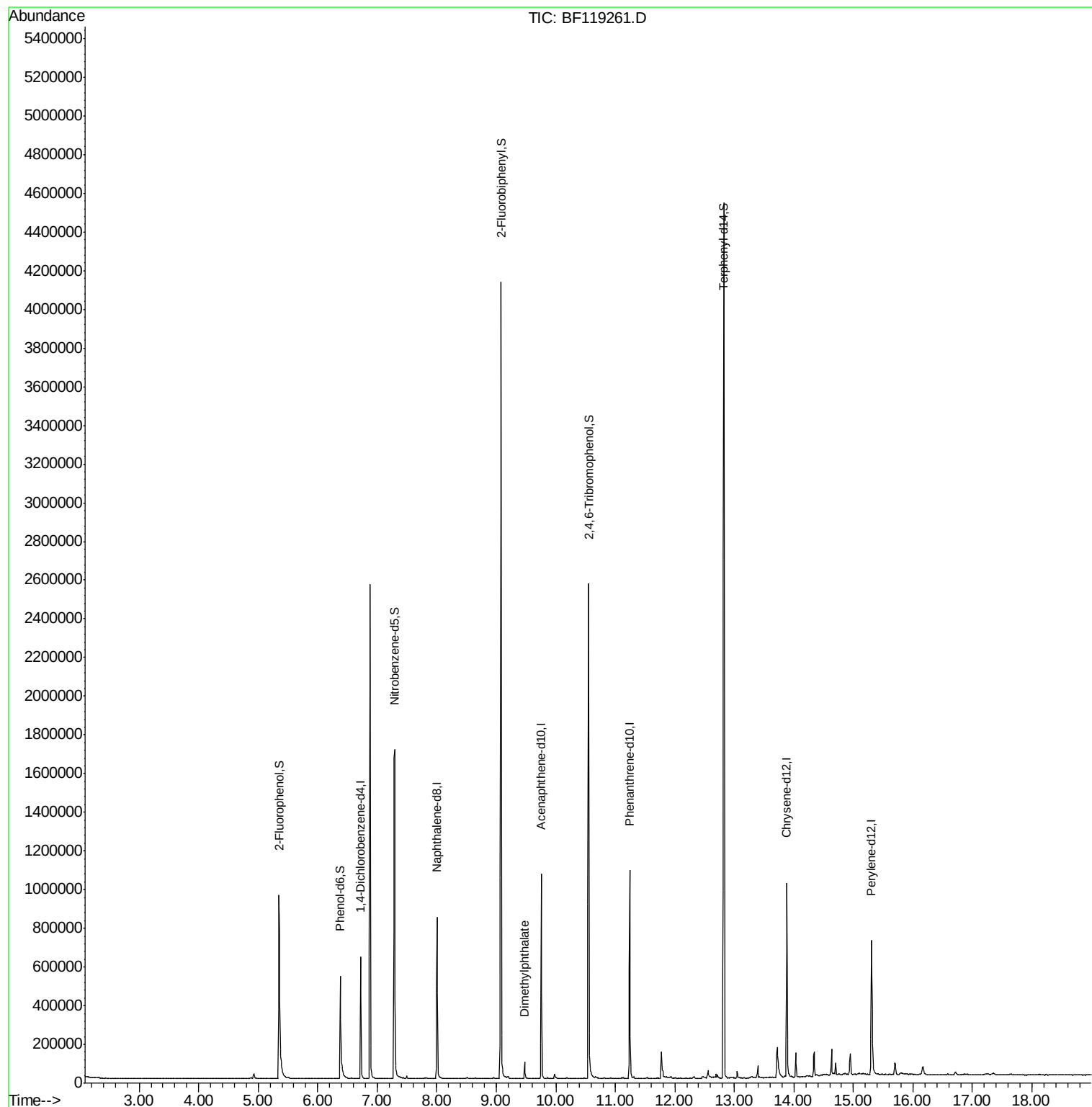
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	101006	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	385148	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	215128	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	412598	20.00	ng	0.00
76) Chrysene-d12	13.88	240	344937	20.00	ng	0.00
87) Perylene-d12	15.30	264	330135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	376232	62.25	ng	0.00
7) Phenol-d6	6.38	99	285026	38.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	654682	89.75	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	376321	133.72	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1284093	87.93	ng	0.00
79) Terphenyl-d14	12.82	244	1731808	86.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	43900	2.669	ng	Qvalue 98

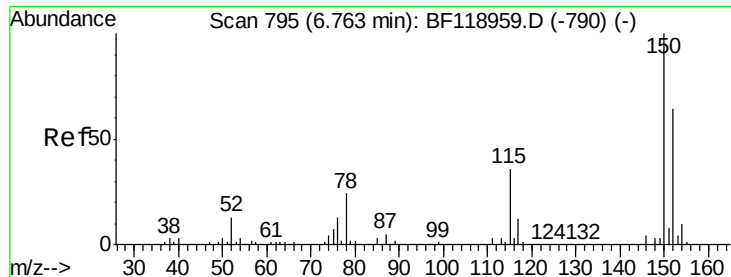
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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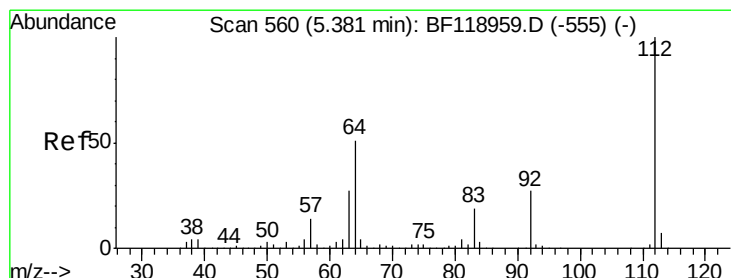
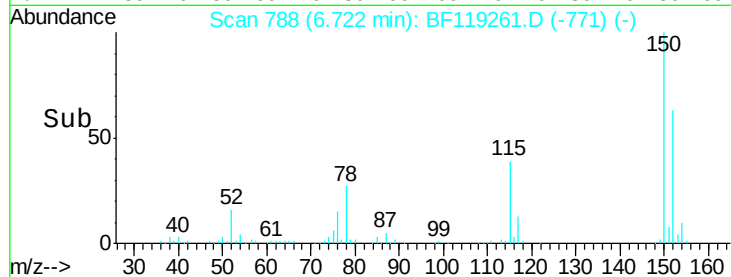
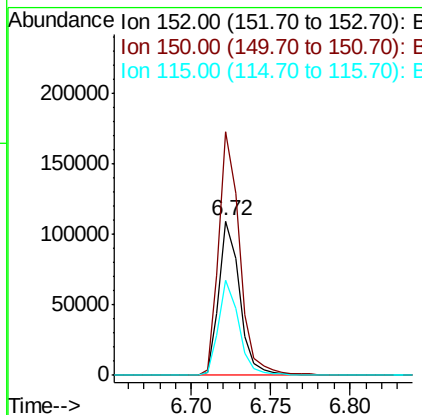
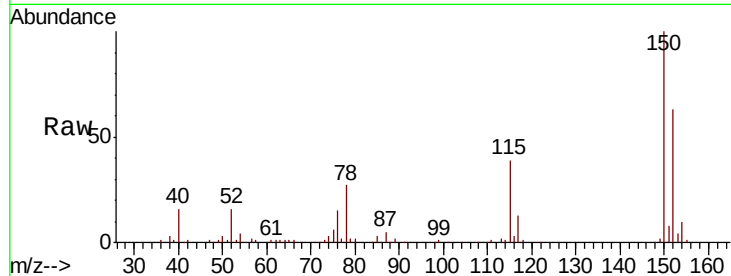


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119261.D
Acq: 6 Mar 2020 20:41

Instrument :
BNA_F
ClientSampled :
W-1A

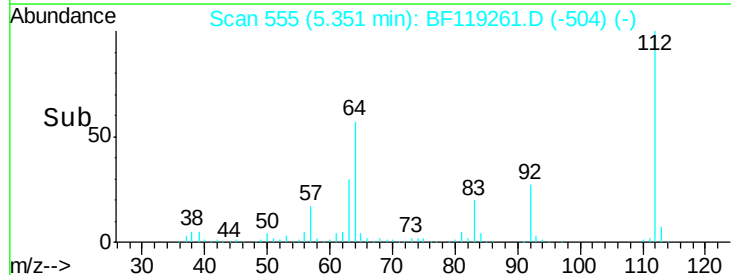
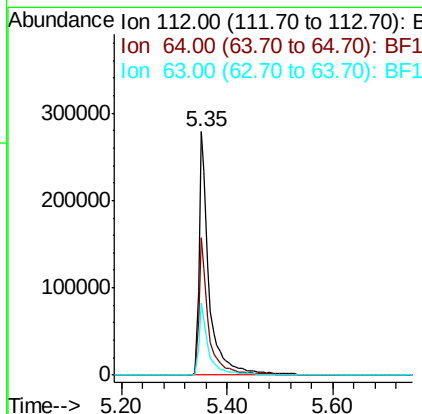
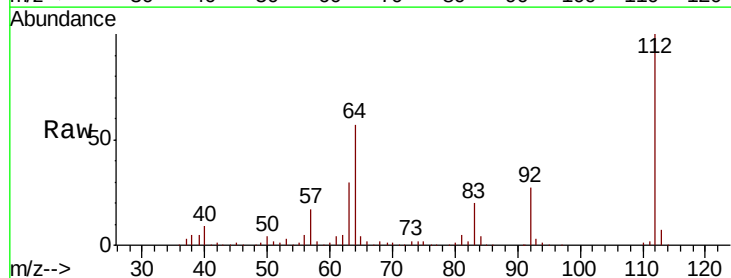
Tot Ion:152 Resp: 101006
Ion Ratio Lower Upper
152 100
150 157.8 123.0 184.6
115 62.0 49.5 74.3

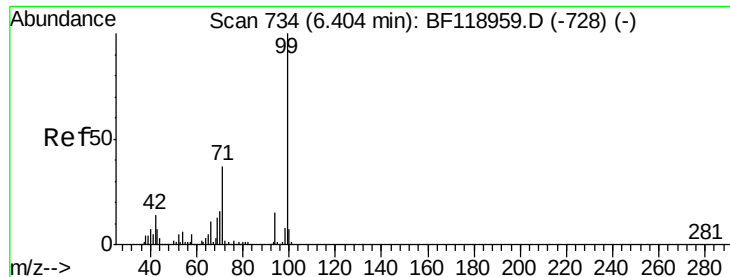


#5

2-Fluorophenol
Concen: 62.249 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119261.D
Acq: 6 Mar 2020 20:41

Tgt Ion:112 Resp: 376232
Ion Ratio Lower Upper
112 100
64 56.6 45.0 67.4
63 29.7 24.2 36.4





#7

Phenol-d6

Concen: 38.776 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119261.D

Acq: 6 Mar 2020 20:41

Instrument :

BNA_F

ClientSampled :

W-1A

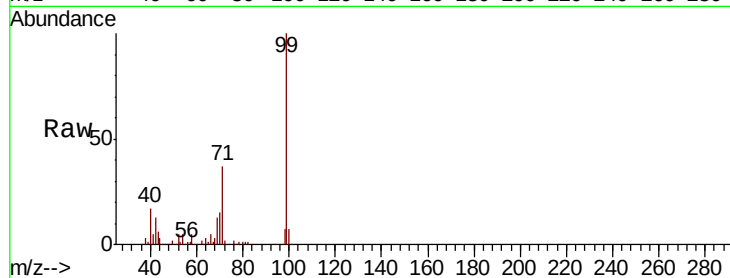
Tot Ion: 99 Resp: 285026

Ion Ratio Lower Upper

99 100

42 13.3 12.6 18.8

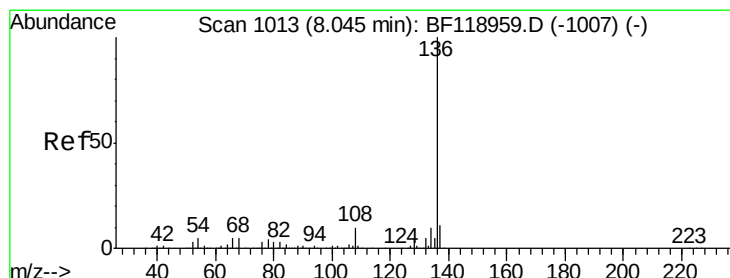
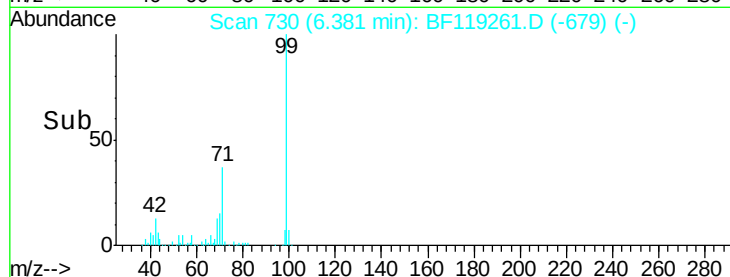
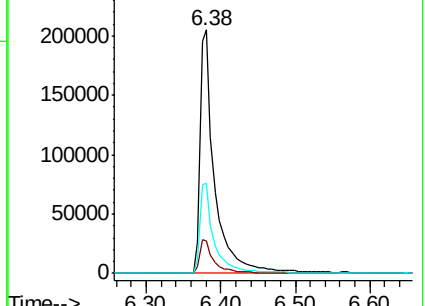
71 36.7 31.0 46.4



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: BF119261.D

Acq: 6 Mar 2020 20:41

Tgt Ion: 136 Resp: 385148

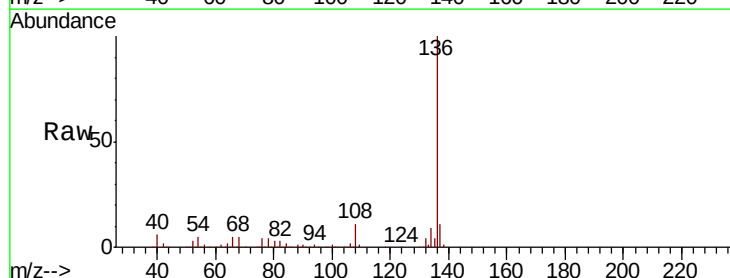
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.2 3.8 5.6

68 4.9 3.9 5.9

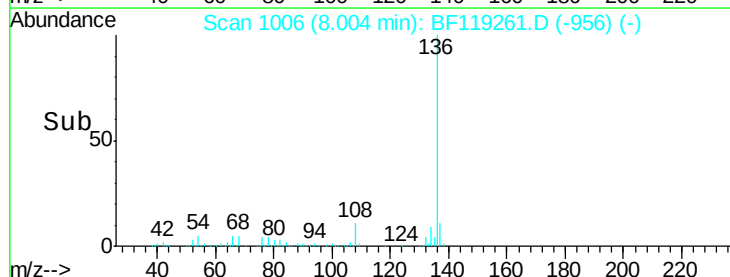
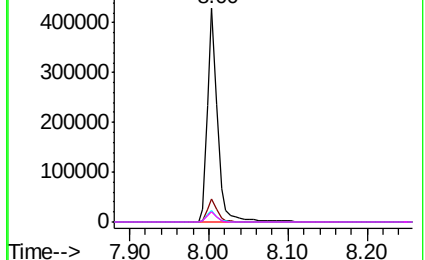


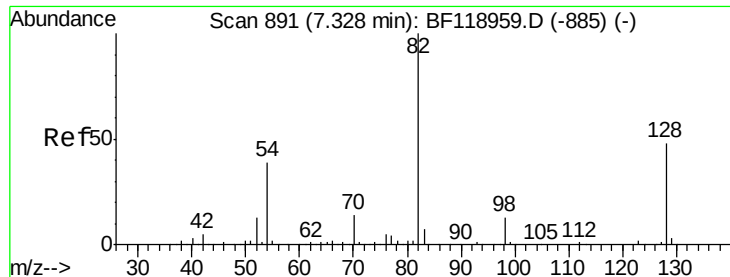
Abundance Ion 136.00 (135.70 to 136.70): E

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

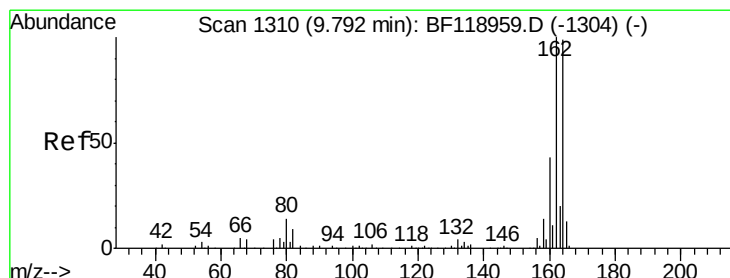
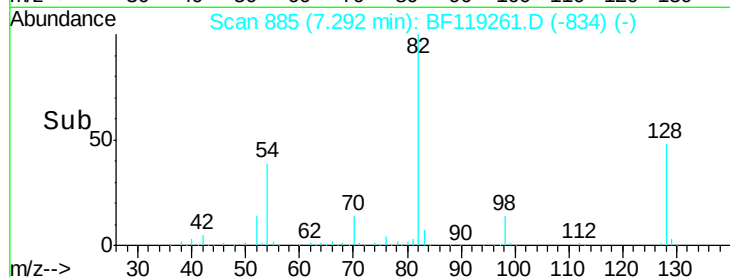
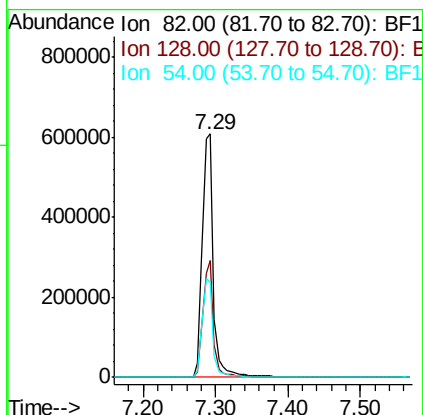
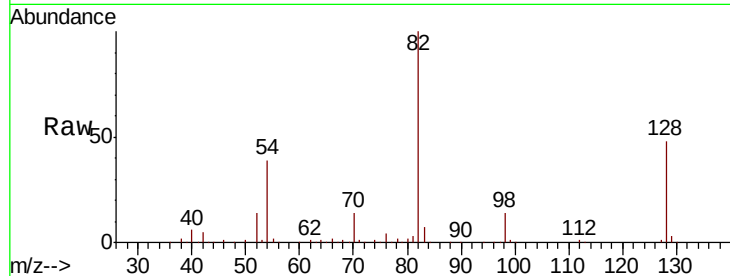




#23
 Nitrobenzene-d5
 Concen: 89.750 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119261.D
 Acq: 6 Mar 2020 20:41

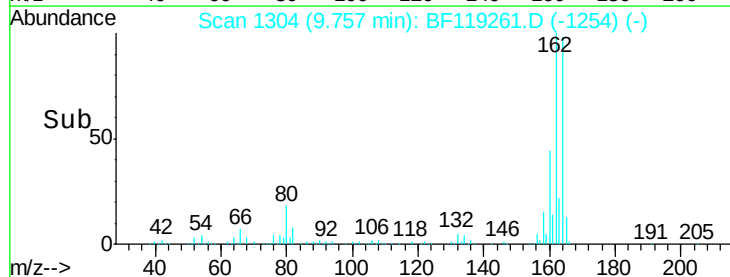
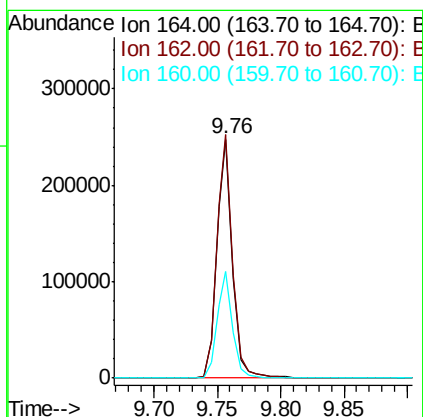
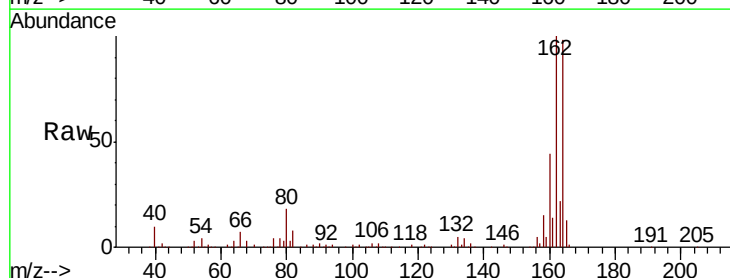
Instrument :
 BNA_F
 ClientSampleId :
 W-1A

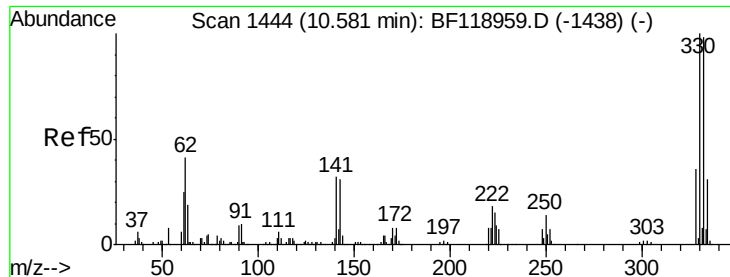
Tot Ion: 82 Resp: 654682
 Ion Ratio Lower Upper
 82 100
 128 48.2 37.9 56.9
 54 39.0 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119261.D
 Acq: 6 Mar 2020 20:41

Tgt Ion: 164 Resp: 215128
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.8 122.8
 160 44.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 133.720 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119261.D

Acq: 6 Mar 2020 20:41

Instrument :

BNA_F

ClientSampleId :

W-1A

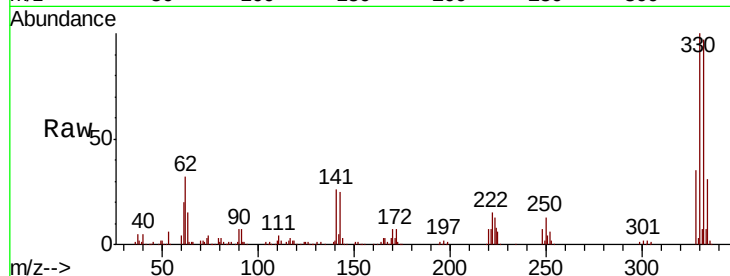
Tot Ion:330 Resp: 376321

Ion Ratio Lower Upper

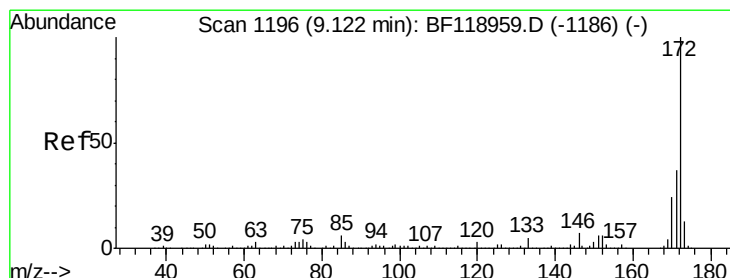
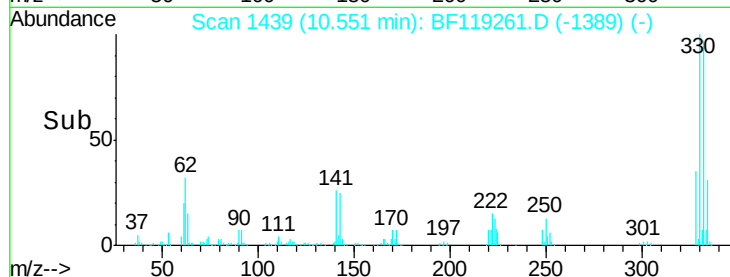
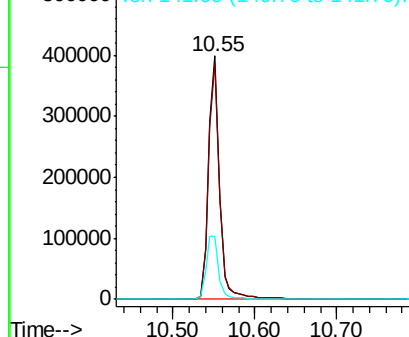
330 100

332 97.8 76.0 114.0

141 30.1 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: 87.933 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119261.D

Acq: 6 Mar 2020 20:41

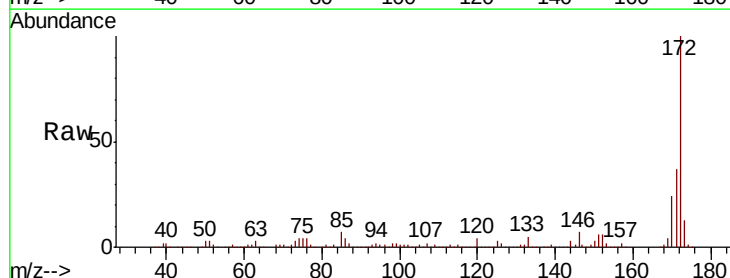
Tgt Ion:172 Resp: 1284093

Ion Ratio Lower Upper

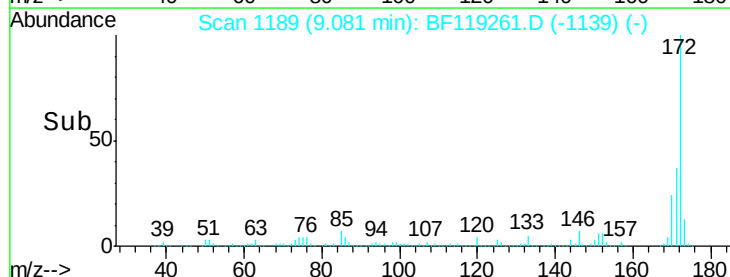
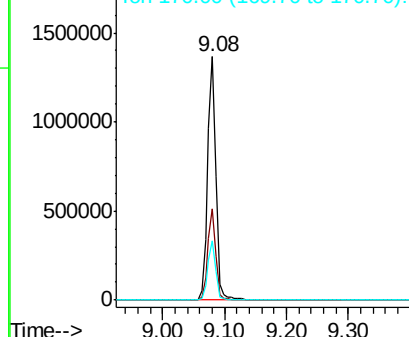
172 100

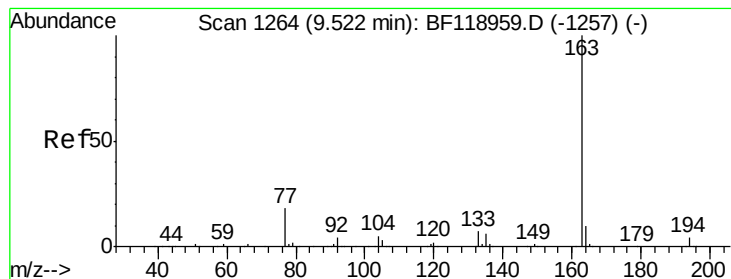
171 37.4 30.6 45.8

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





#50

Dimethylphthalate

Concen: 2.669 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119261.D

Acq: 6 Mar 2020 20:41

Instrument :

BNA_F

ClientSampleId :

W-1A

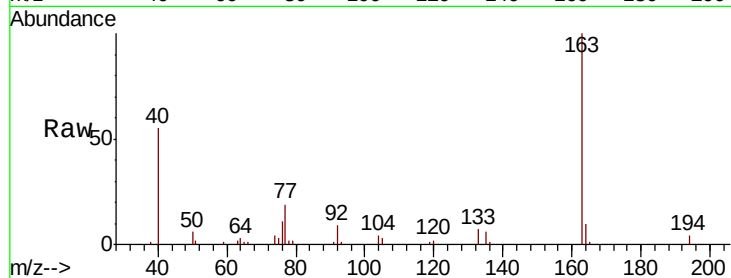
Tot Ion:163 Resp: 43900

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

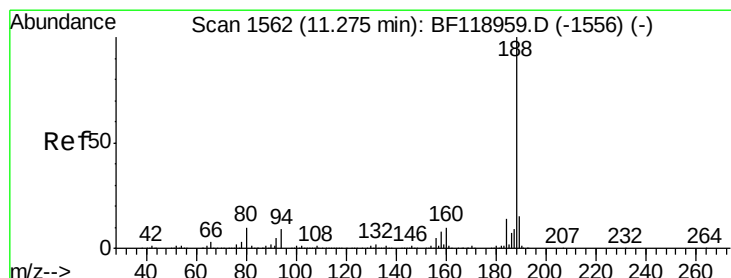
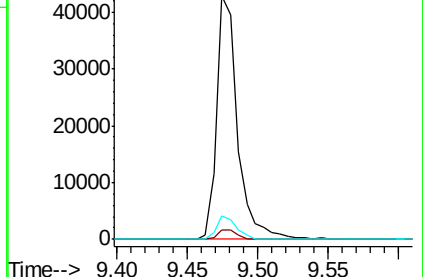
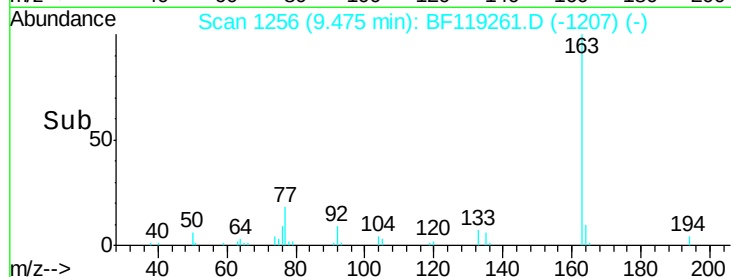
164 9.8 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119261.D

Acq: 6 Mar 2020 20:41

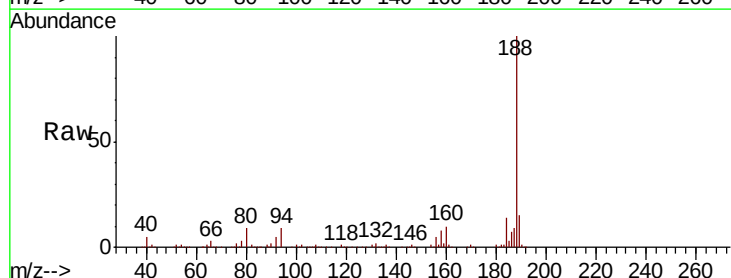
Tgt Ion:188 Resp: 412598

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

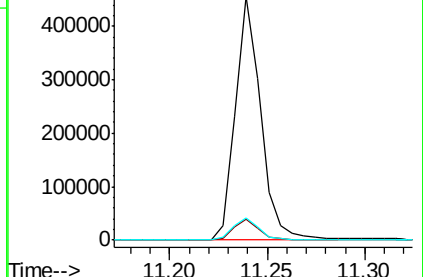
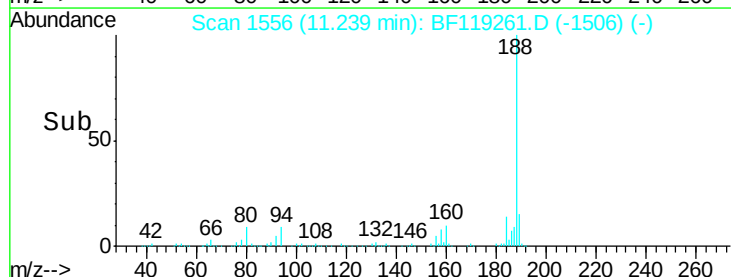
80 9.0 7.8 11.8

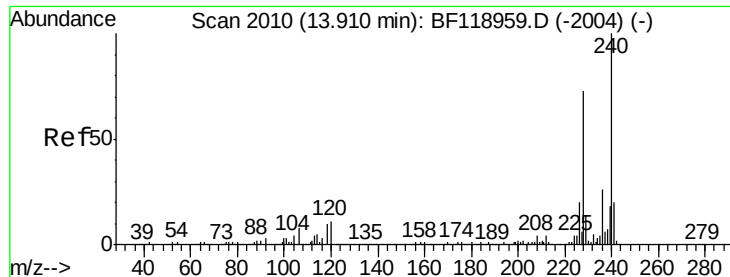


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

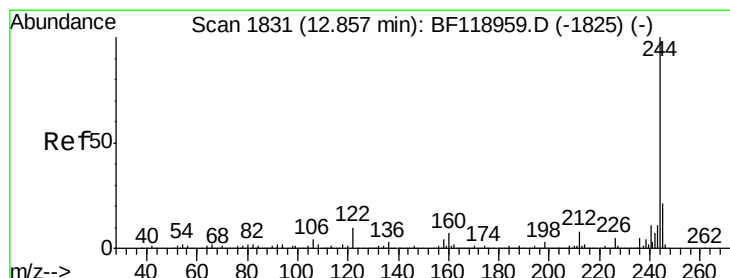
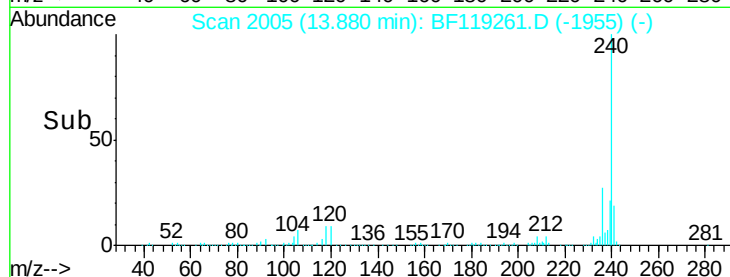
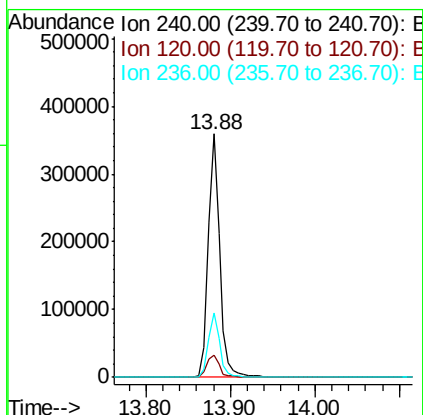
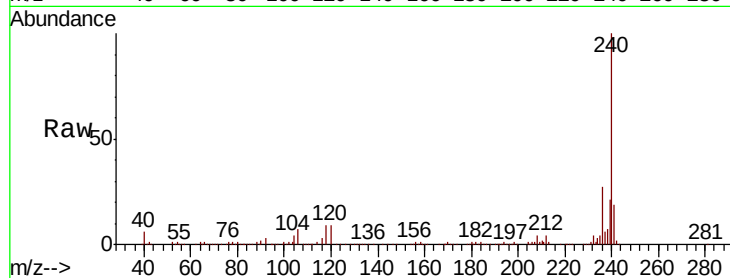




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119261.D
 Acq: 6 Mar 2020 20:41

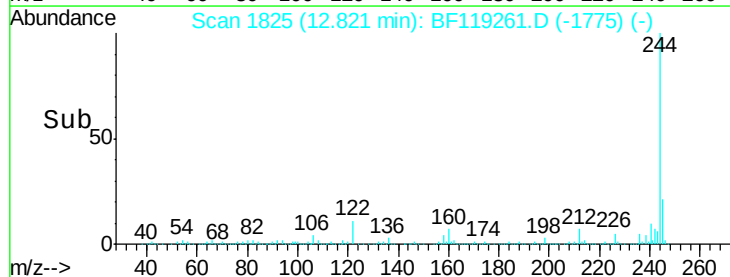
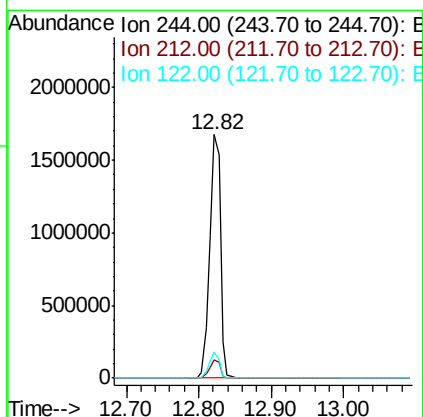
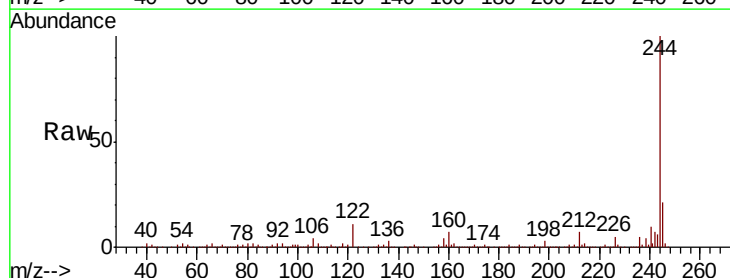
Instrument :
 BNA_F
 ClientSampleId :
 W-1A

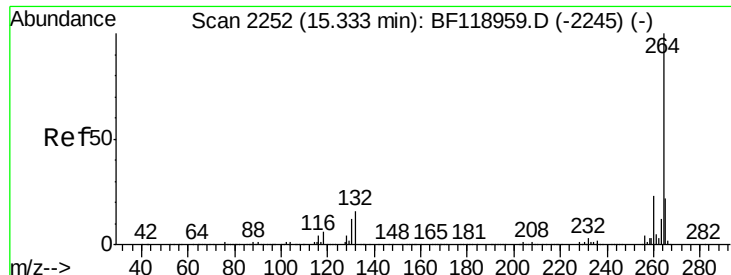
Tot Ion:240 Resp: 344937
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.4 12.6
 236 26.6 21.0 31.4



#79
 Terphenyl-d14
 Concen: 86.439 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119261.D
 Acq: 6 Mar 2020 20:41

Tgt Ion:244 Resp: 1731808
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 10.5 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF119261.D
Acq: 6 Mar 2020 20:41

Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.6	17.7	26.5

