

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119059.D
 Acq On : 25 Feb 2020 10:39
 Operator : CG/JU
 Sample : L1648-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAX-2B

Quant Time: Feb 25 11:14:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

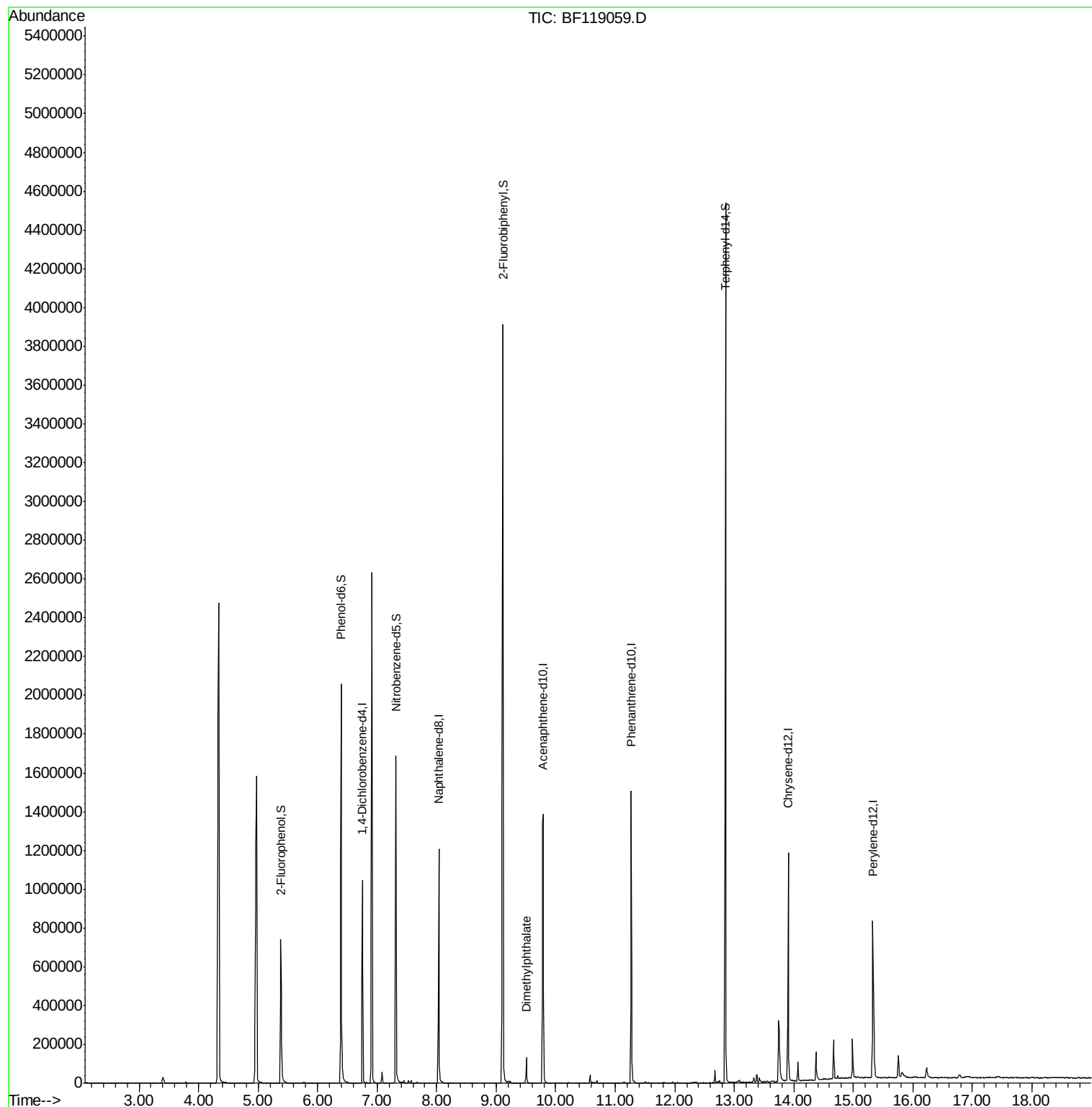
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153501	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	598252	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	328644	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	602568	20.00	ng	0.00
76) Chrysene-d12	13.90	240	408138	20.00	ng	0.00
87) Perylene-d12	15.33	264	397867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	245143	26.69	ng	0.00
7) Phenol-d6	6.39	99	735939	65.88	ng	-0.01
23) Nitrobenzene-d5	7.32	82	643363	56.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	7662	1.78	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1336656	59.92	ng	-0.01
79) Terphenyl-d14	12.85	244	1604925	67.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	74493	2.964	ng	Qvalue 99

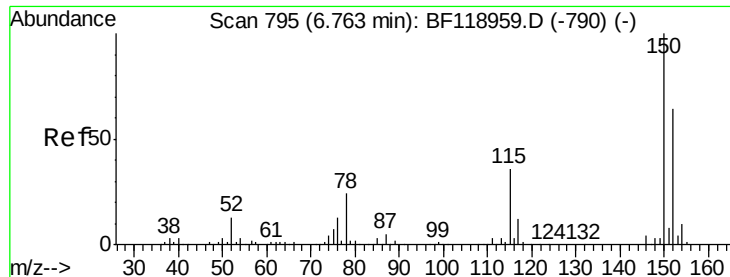
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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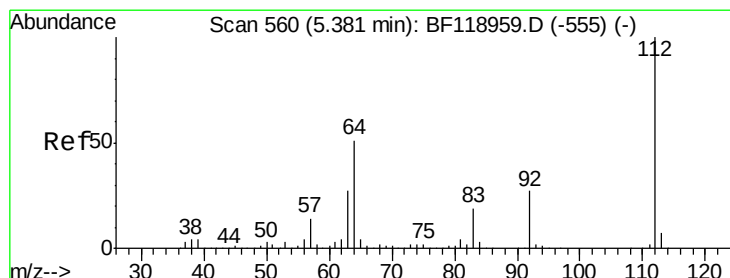
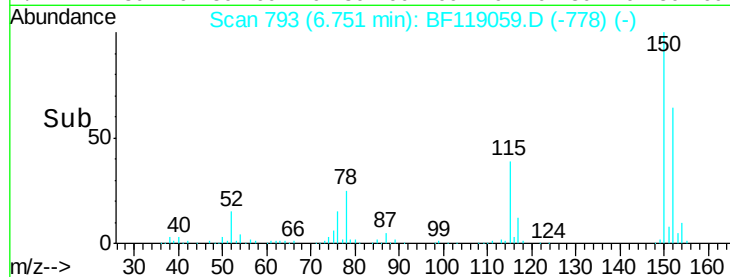
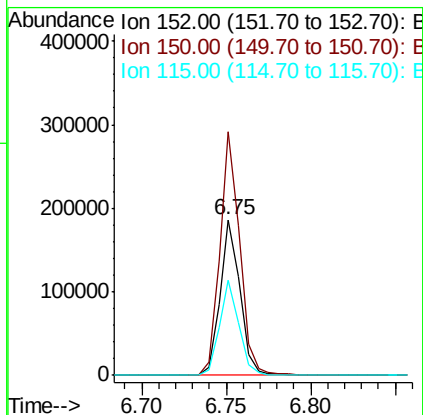
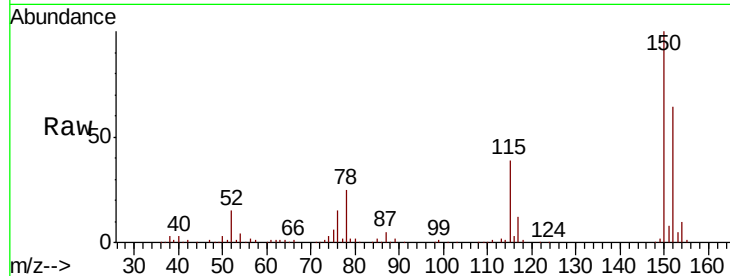


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PAX-2B

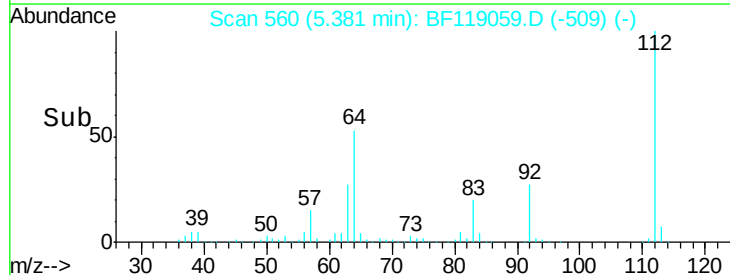
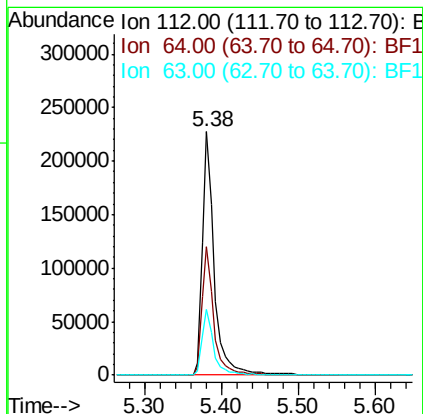
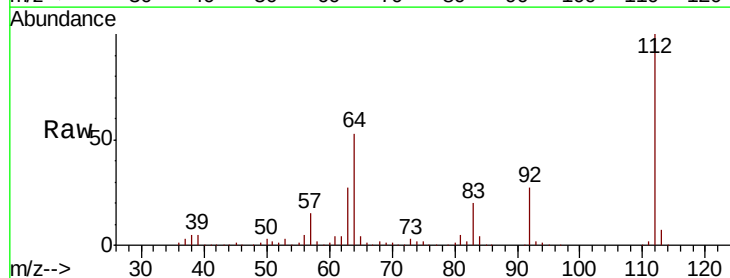
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.3	186.5
115	61.3	44.6	67.0

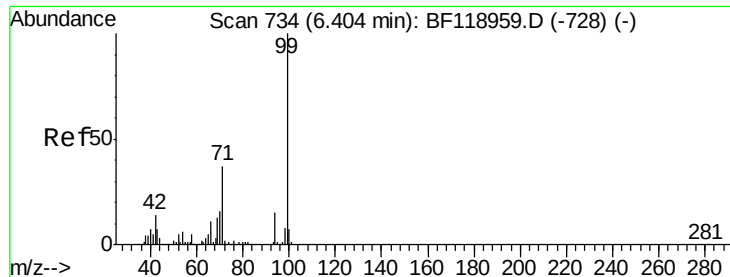


#5

2-Fluorophenol
 Concen: 26.689 ng
 RT: 5.38 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	40.4	60.6
63	27.2	21.3	31.9





#7

Phenol-d6

Concen: 65.880 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

Instrument :

BNA_F

ClientSampled :

PAX-2B

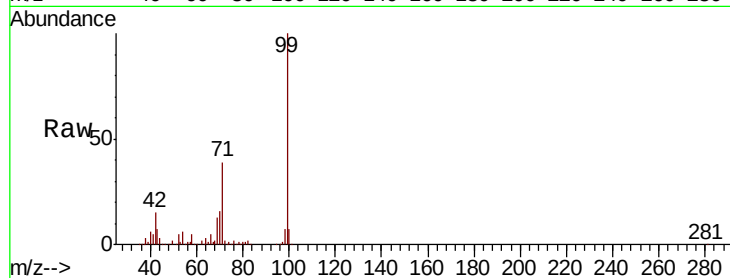
Tot Ion: 99 Resp: 735939

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.0

71 38.6 29.8 44.6

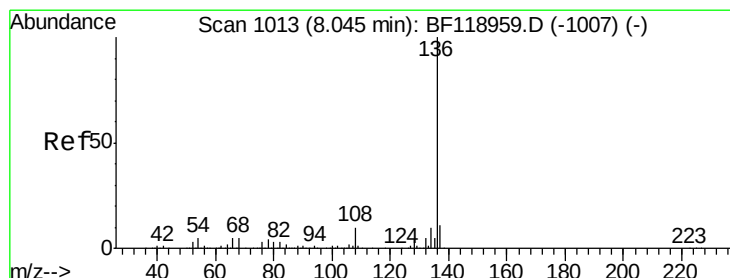
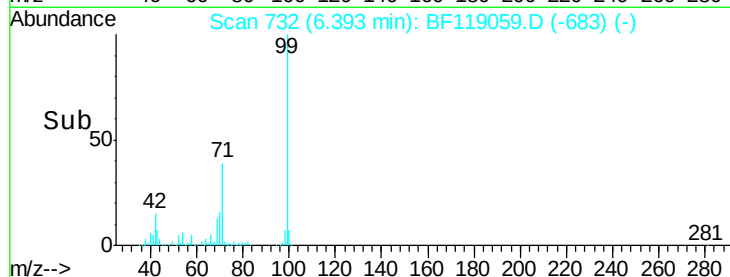
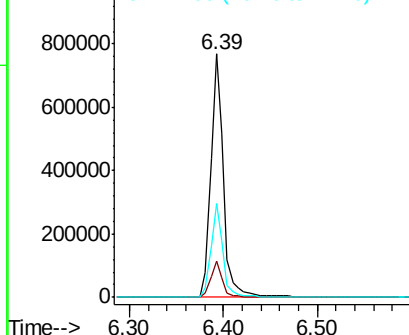


Abundance

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: BF119059.D

Acq: 25 Feb 2020 10:39

Tgt Ion: 136 Resp: 598252

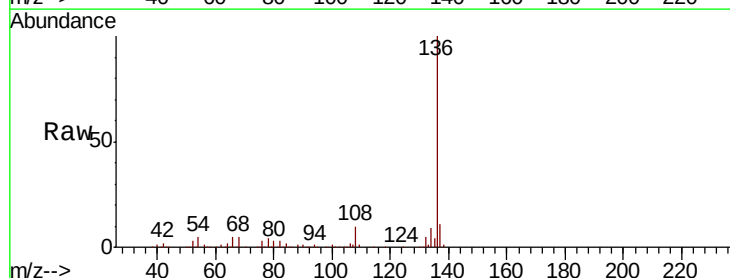
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 4.8 3.8 5.6

68 5.1 4.2 6.2



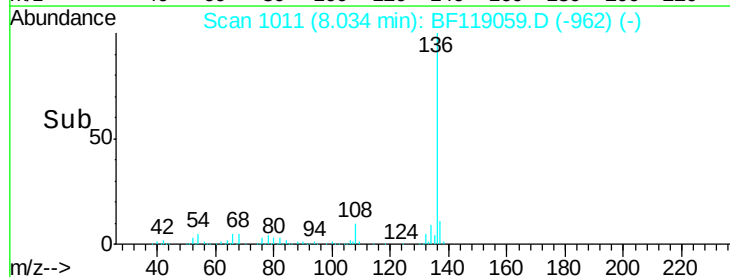
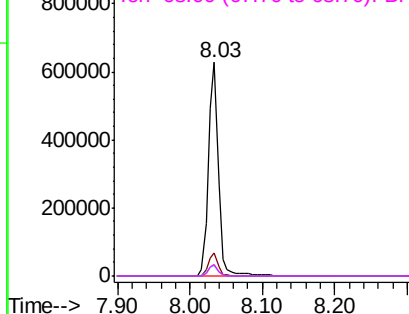
Abundance

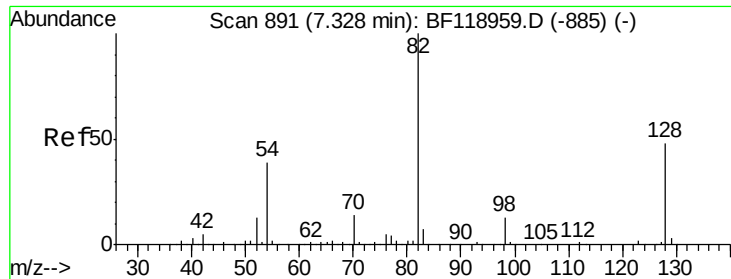
Ion 136.00 (135.70 to 136.70): E

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

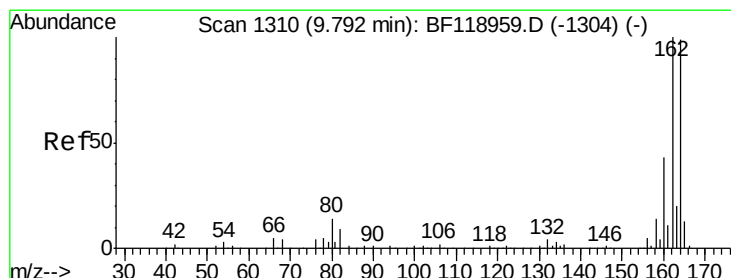
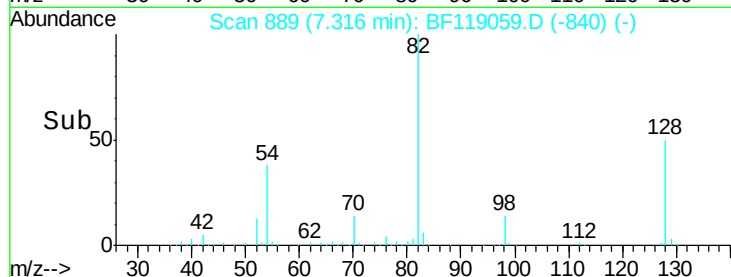
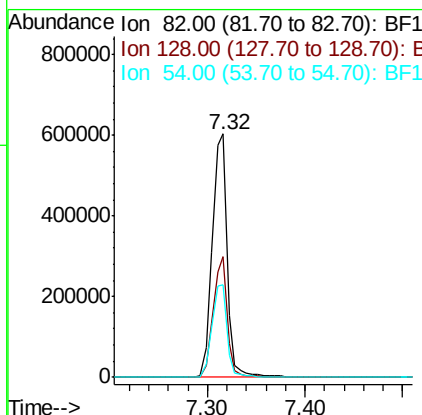
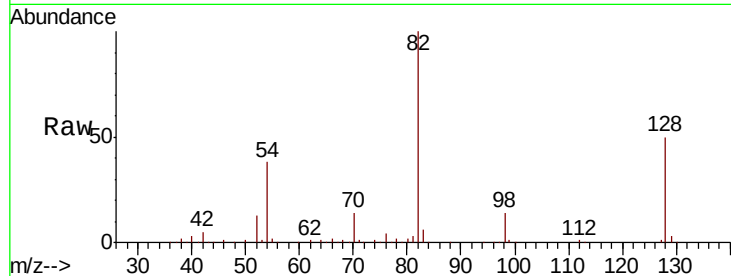




#23
 Nitrobenzene-d5
 Concen: 56.781 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

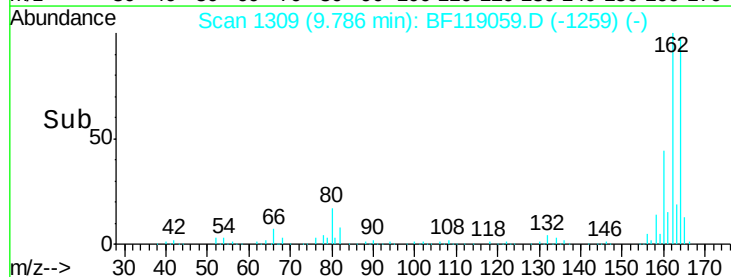
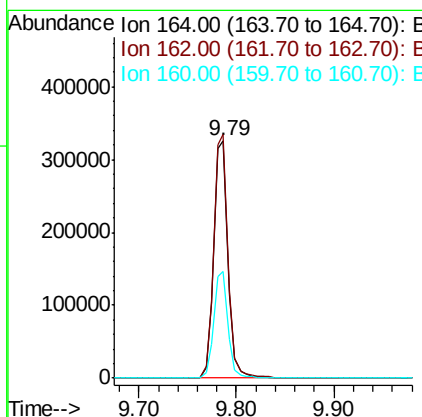
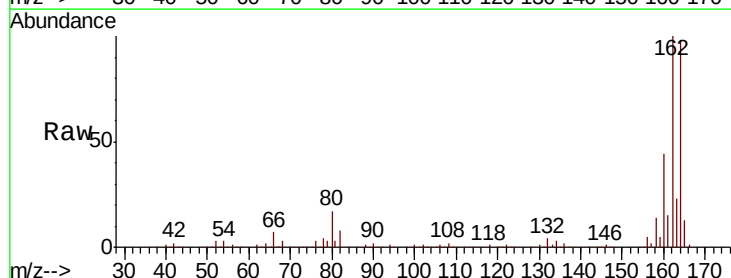
Instrument :
 BNA_F
 ClientSampleID :
 PAX-2B

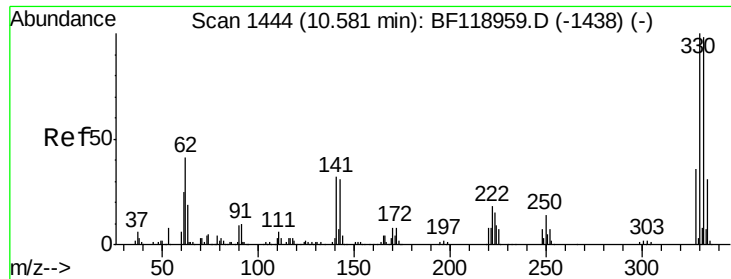
Tot Ion	82	Resp	643363
Ion Ratio	Lower	Upper	
82	100		
128	49.8	38.2	57.2
54	38.3	31.3	46.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

Tgt Ion	164	Resp	328644
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.2	121.8
160	44.8	35.2	52.8





#42

2,4,6-Tribromophenol

Concen: 1.782 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

Instrument :

BNA_F

ClientSampleId :

PAX-2B

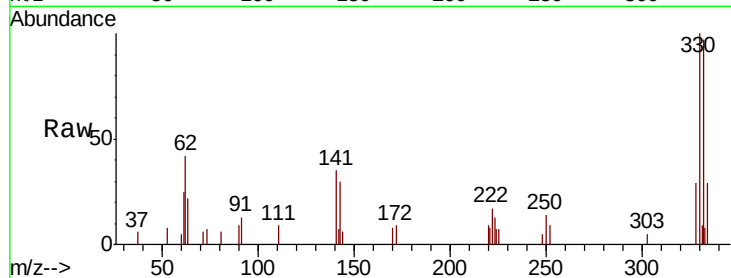
Tot Ion:330 Resp: 7662

Ion Ratio Lower Upper

330 100

332 99.8 77.1 115.7

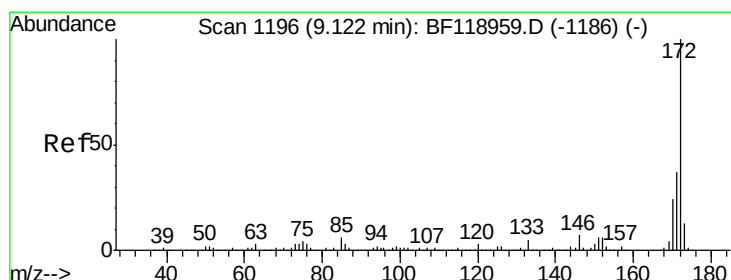
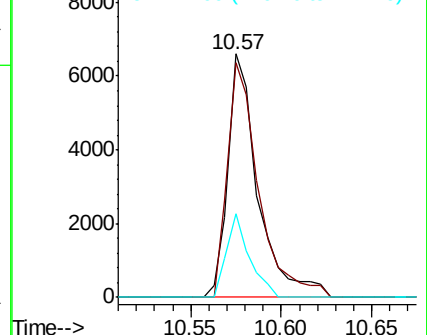
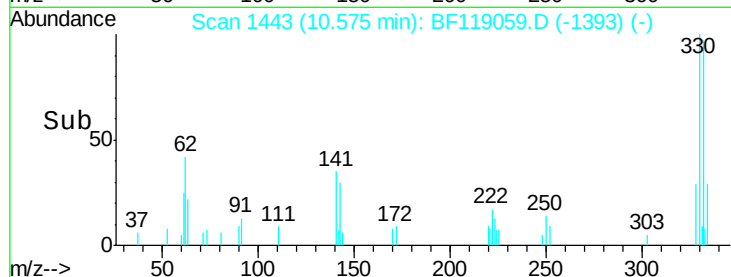
141 25.8 23.0 34.6



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: 59.917 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

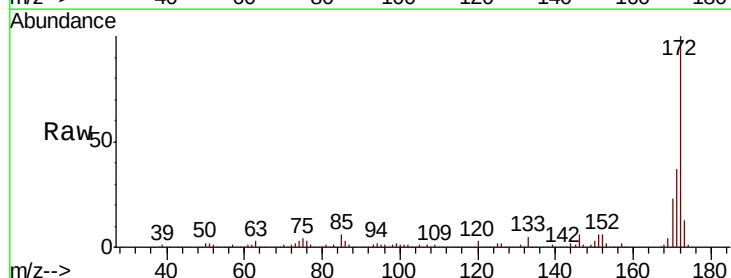
Tgt Ion:172 Resp: 1336656

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

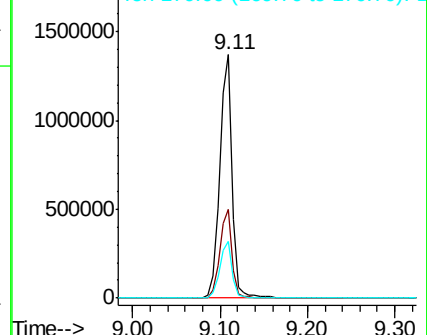
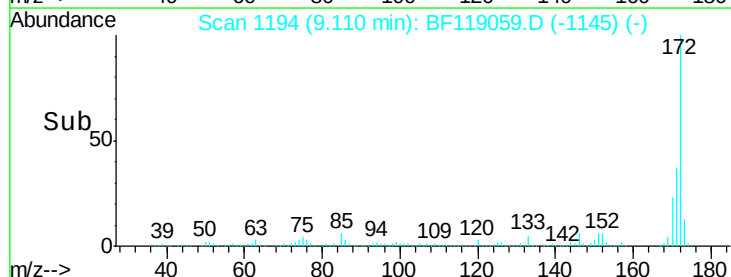
170 23.4 19.6 29.4

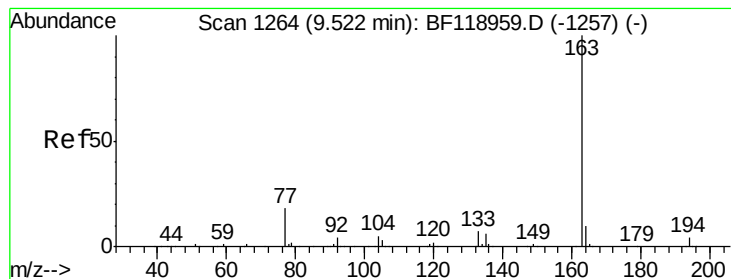


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.964 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

Instrument :

BNA_F

ClientSampleId :

PAX-2B

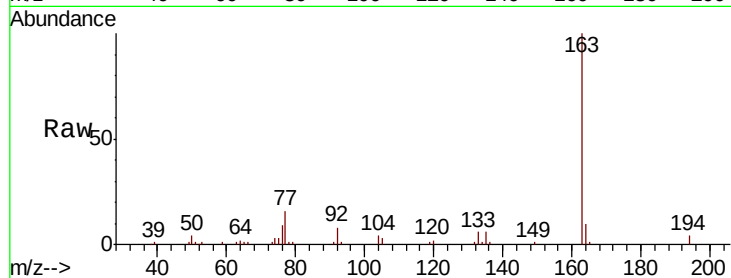
Tot Ion:163 Resp: 74493

Ion Ratio Lower Upper

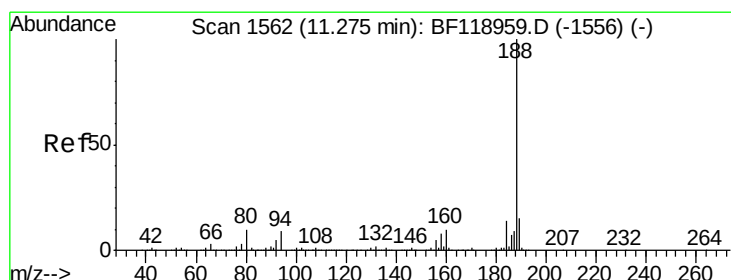
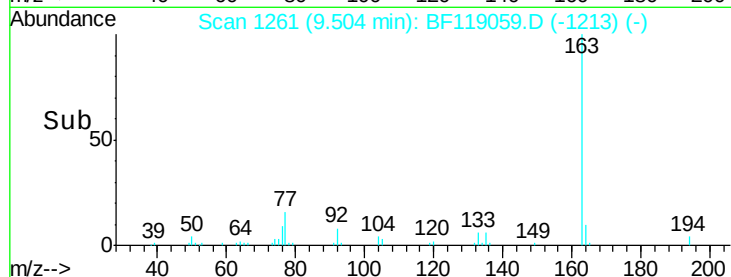
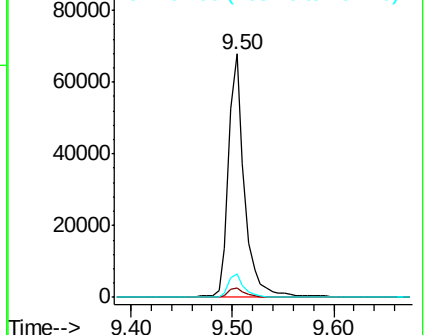
163 100

194 3.8 3.4 5.2

164 9.9 8.2 12.2



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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

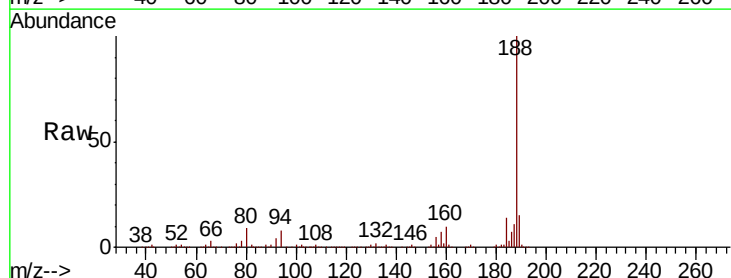
Tgt Ion:188 Resp: 602568

Ion Ratio Lower Upper

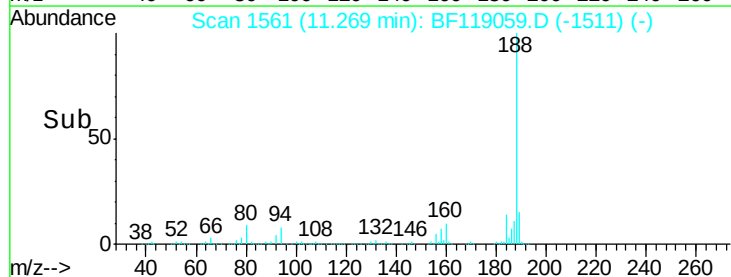
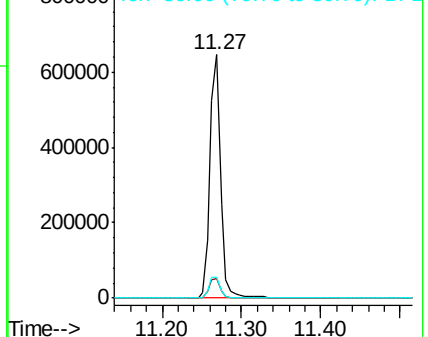
188 100

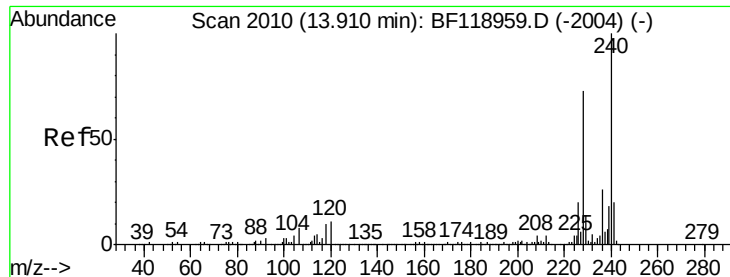
94 8.1 7.0 10.6

80 8.5 7.9 11.9



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

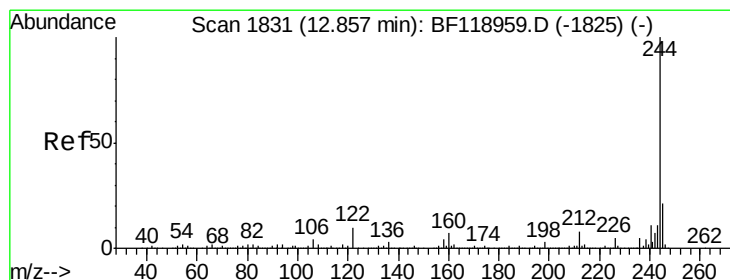
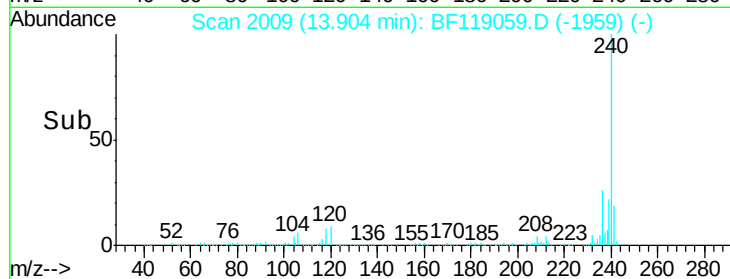
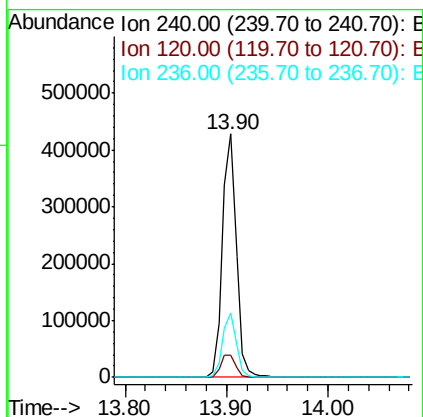
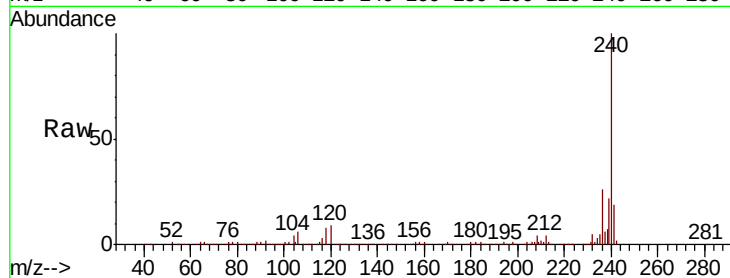




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

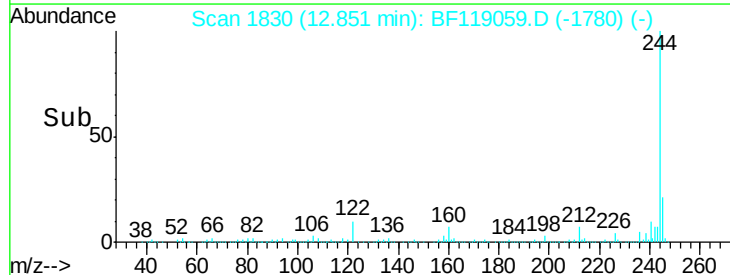
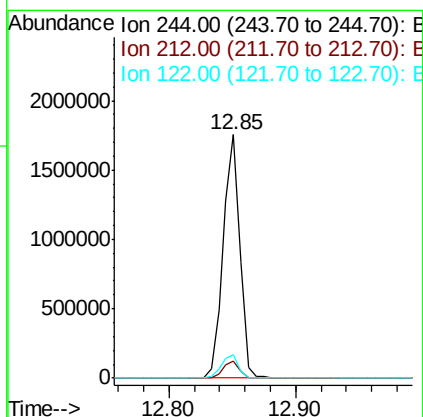
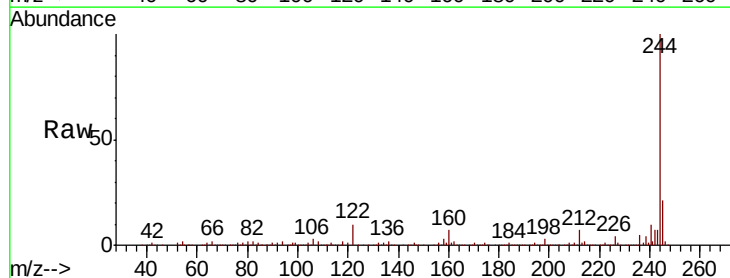
Instrument :
 BNA_F
 ClientSampled :
 PAX-2B

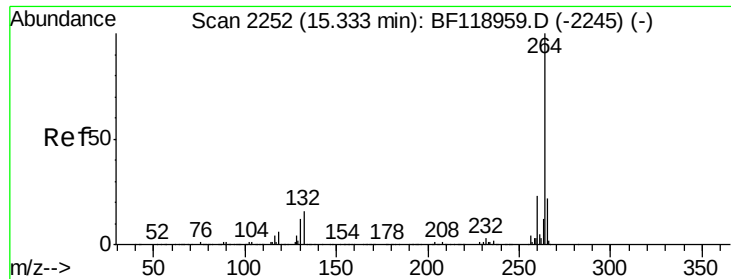
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.9	13.3
236	26.2	20.6	30.8



#79
 Terphenyl-d14
 Concen: 67.702 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	9.6	8.4	12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PAX-2B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.4	17.3	25.9

