

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119119.D
 Acq On : 27 Feb 2020 19:40
 Operator : CG/JU
 Sample : L1700-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Quant Time: Feb 28 04:49:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

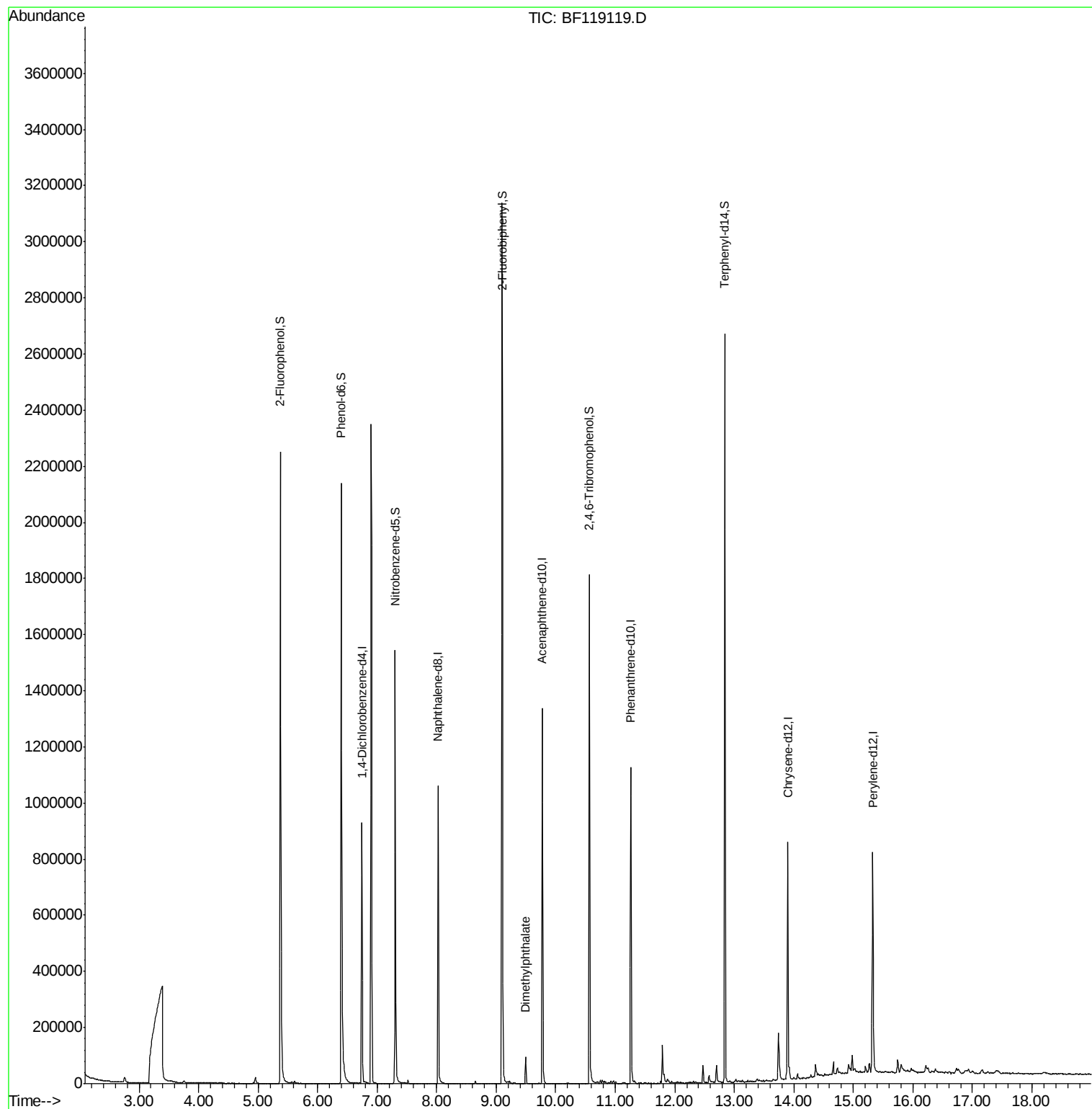
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	145656	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	535416	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	274427	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	451513	20.00	ng	0.00
76) Chrysene-d12	13.90	240	295325	20.00	ng	0.00
87) Perylene-d12	15.32	264	365552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	726605	83.37	ng	0.00
7) Phenol-d6	6.40	99	881780	83.19	ng	0.00
23) Nitrobenzene-d5	7.30	82	569995	56.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	247524	68.95	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	983734	52.81	ng	-0.01
79) Terphenyl-d14	12.84	244	948868	55.32	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	43037	2.051	ng	Qvalue 99

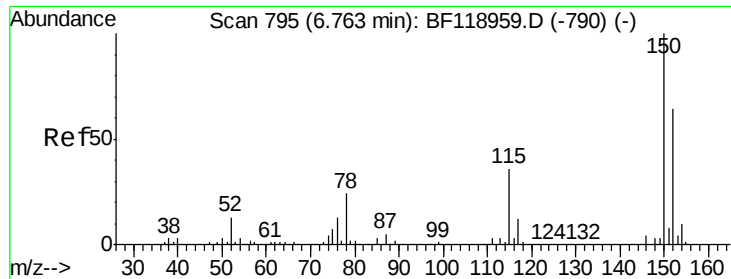
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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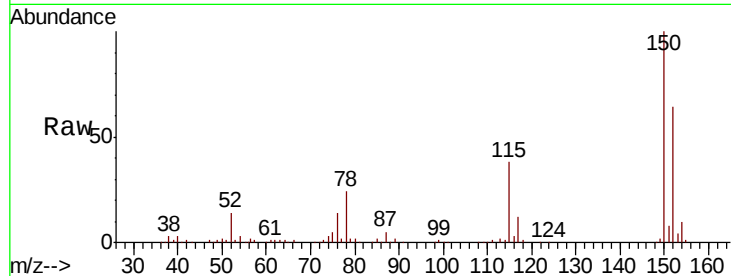


#1

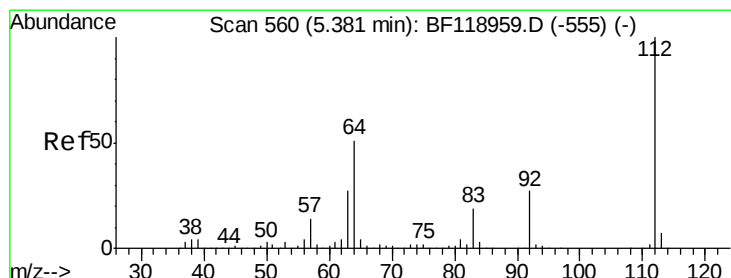
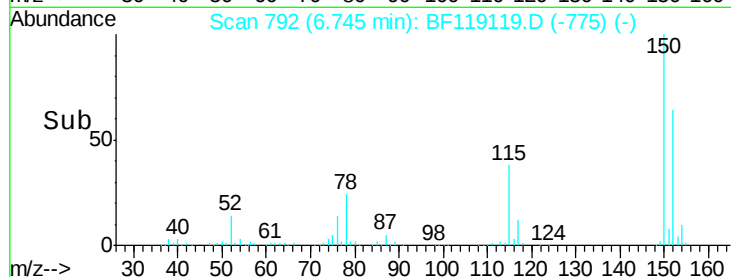
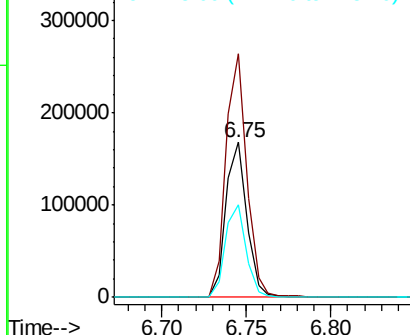
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Instrument :
BNA_F
ClientSampleId :
72-12016

Tot Ion:152 Resp: 145656
Ion Ratio Lower Upper
152 100
150 157.2 123.0 184.6
115 59.9 49.5 74.3



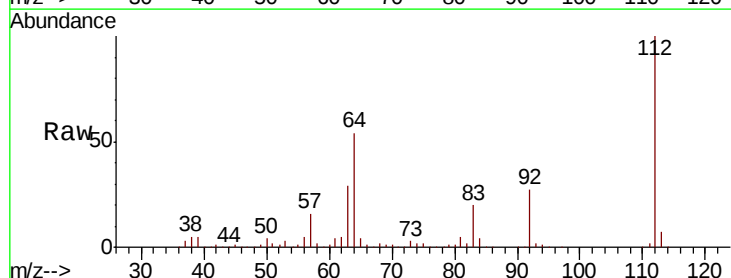
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



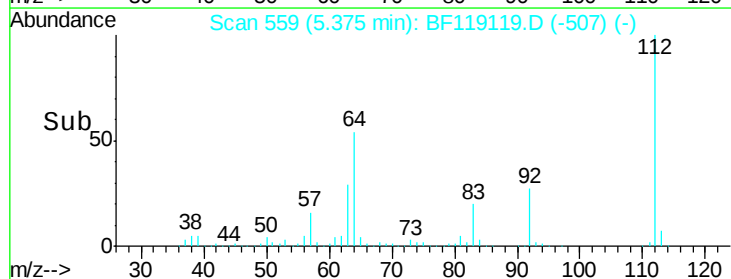
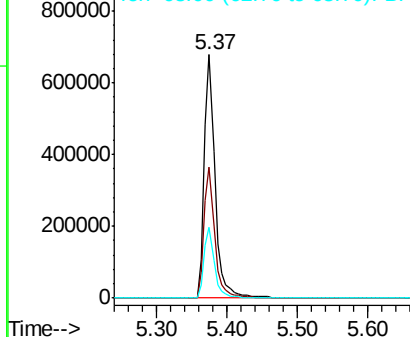
#5

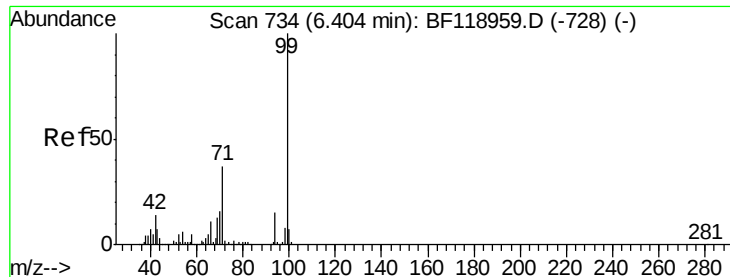
2-Fluorophenol
Concen: 83.367 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119119.D
Acq: 27 Feb 2020 19:40

Tgt Ion:112 Resp: 726605
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 29.0 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: 83.187 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

Instrument :

BNA_F

ClientSampleId :

72-12016

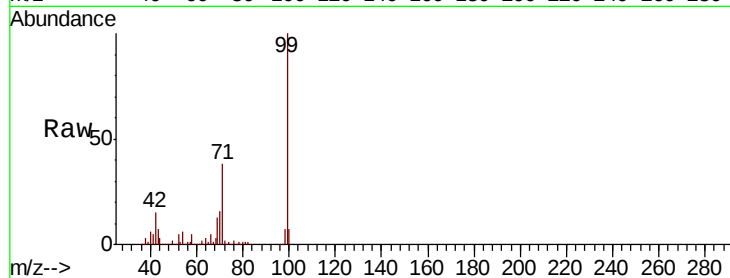
Tot Ion: 99 Resp: 881780

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

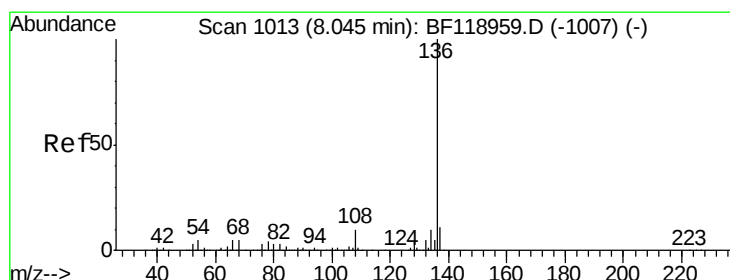
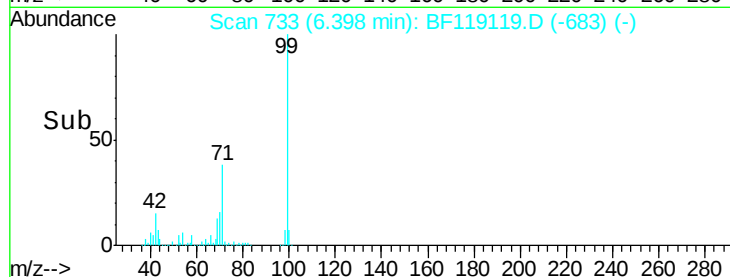
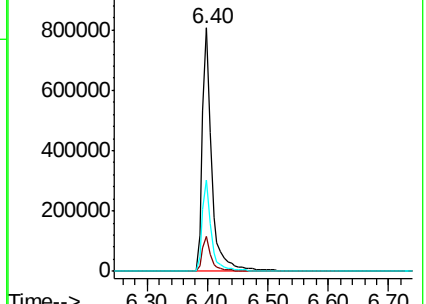
71 37.6 31.0 46.4



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

Tgt Ion: 136 Resp: 535416

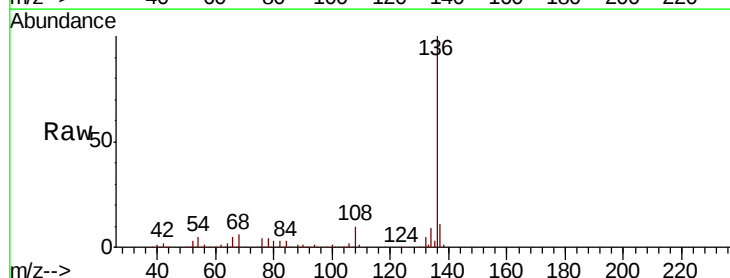
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 5.2 3.8 5.6

68 5.7 3.9 5.9

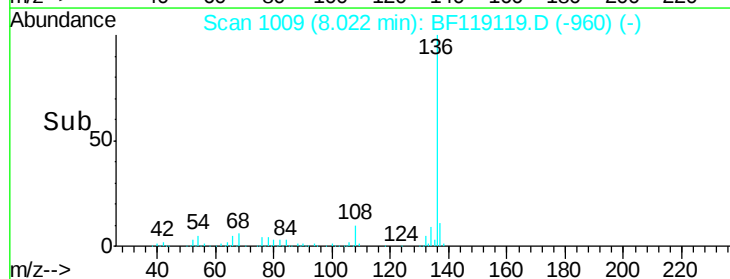
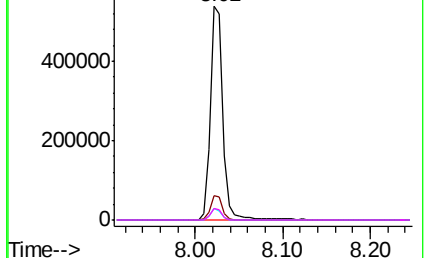


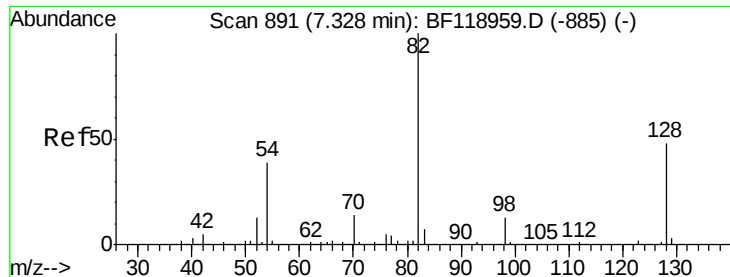
Abundance Ion 136.00 (135.70 to 136.70): E

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

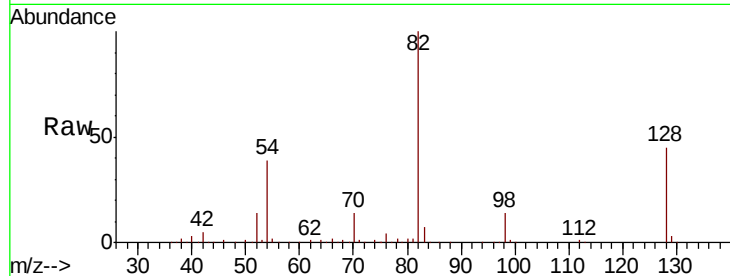




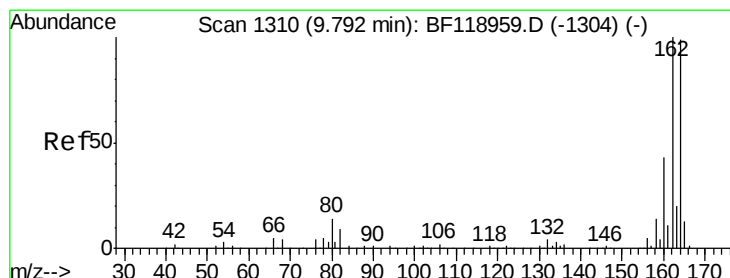
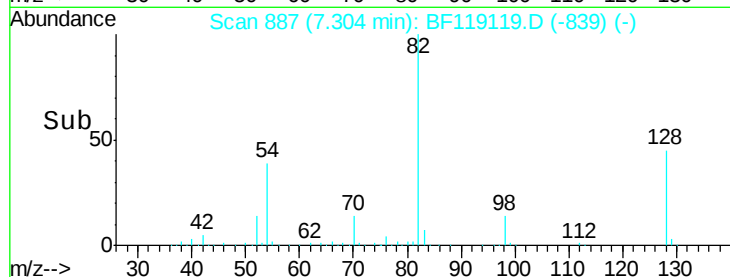
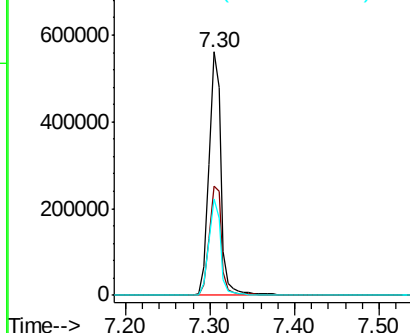
#23
 Nitrobenzene-d5
 Concen: 56.210 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119119.D
 Acq: 27 Feb 2020 19:40

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Tot Ion	82	Resp	569995
Ion Ratio	100	Lower	Upper
128	44.9	37.9	56.9
54	39.4	33.4	50.2

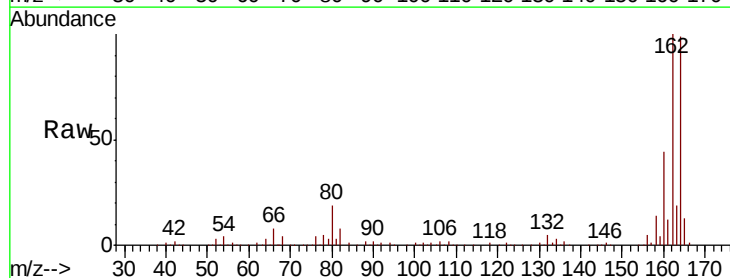


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

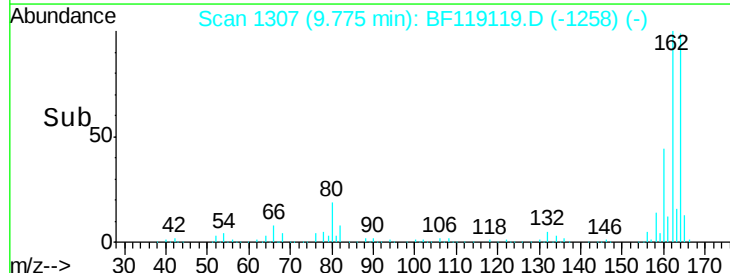
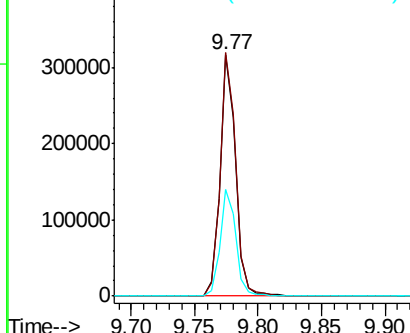


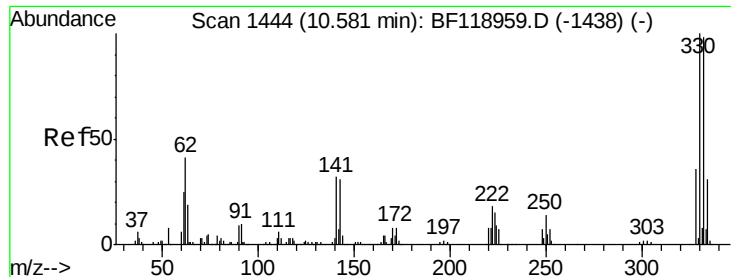
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119119.D
 Acq: 27 Feb 2020 19:40

Tgt Ion	164	Resp	274427
Ion Ratio	100	Lower	Upper
162	100.9	81.8	122.8
160	44.3	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: 68.949 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

Instrument :

BNA_F

ClientSampleId :

72-12016

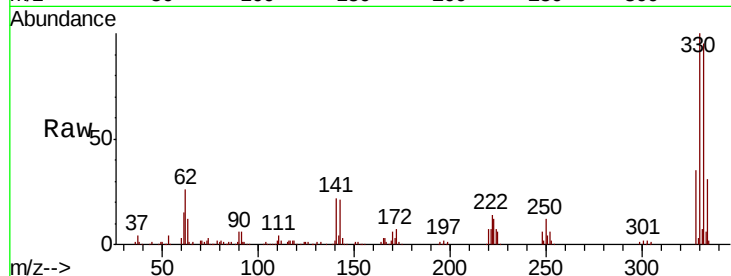
Tot Ion:330 Resp: 247524

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

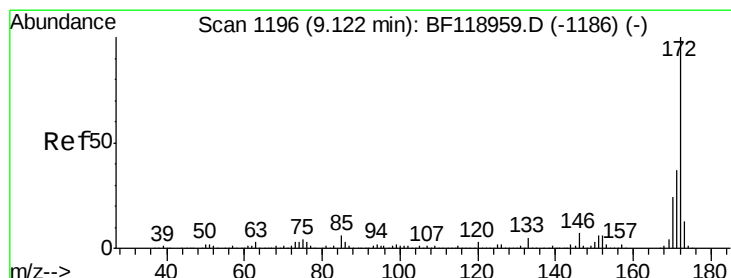
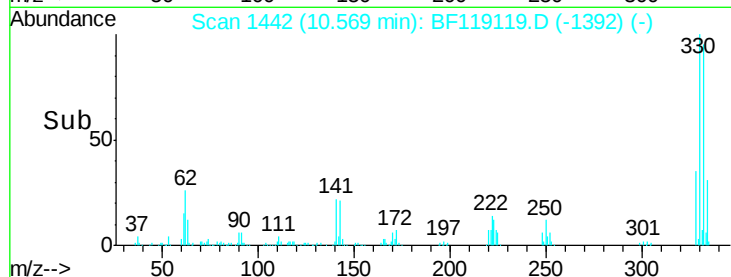
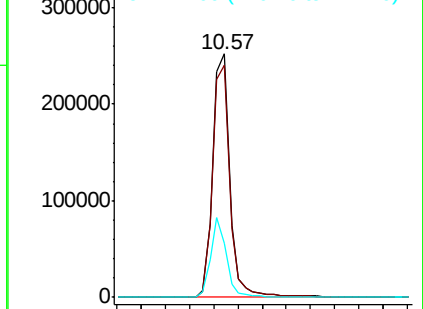
141 30.3 22.9 34.3



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: 52.809 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

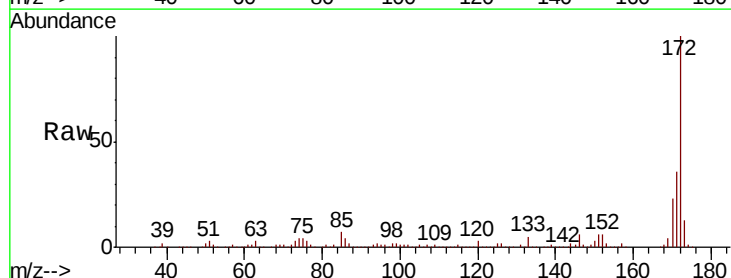
Tgt Ion:172 Resp: 983734

Ion Ratio Lower Upper

172 100

171 36.4 30.6 45.8

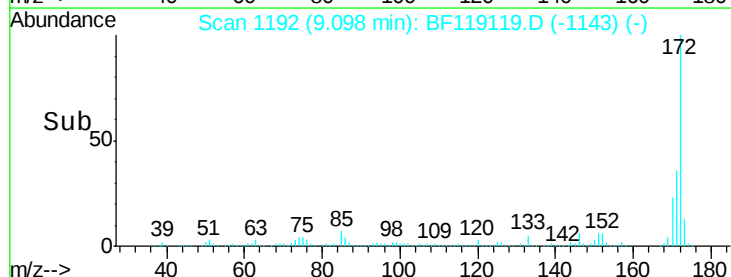
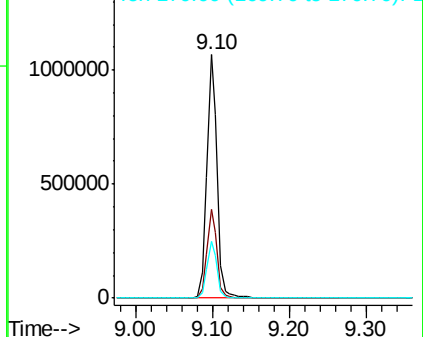
170 23.3 20.2 30.2

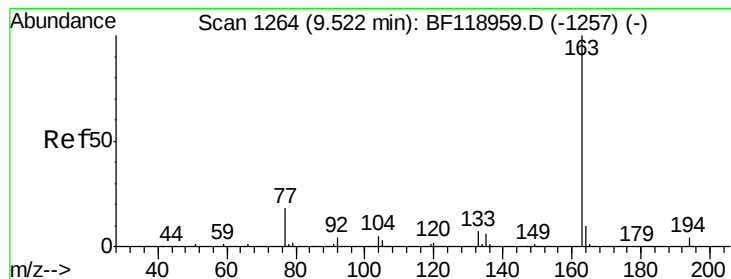


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.051 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

Instrument :

BNA_F

ClientSampleId :

72-12016

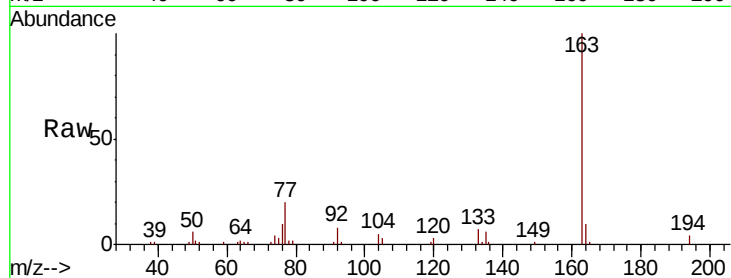
Tot Ion:163 Resp: 43037

Ion Ratio Lower Upper

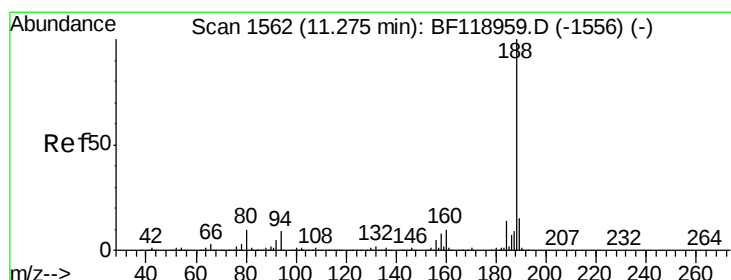
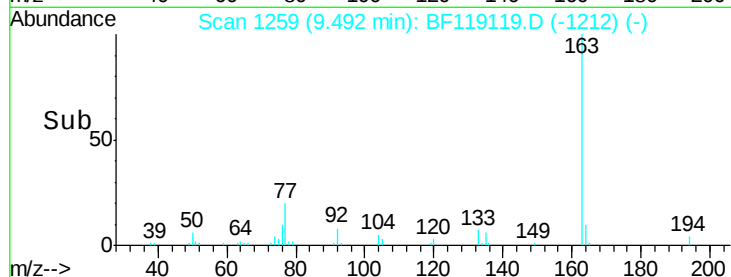
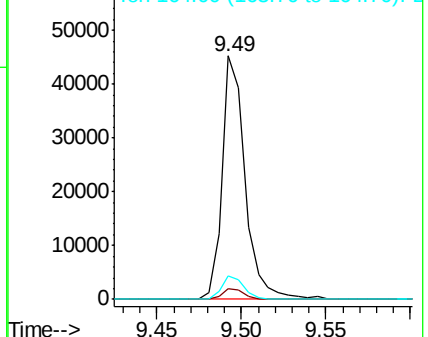
163 100

194 4.4 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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

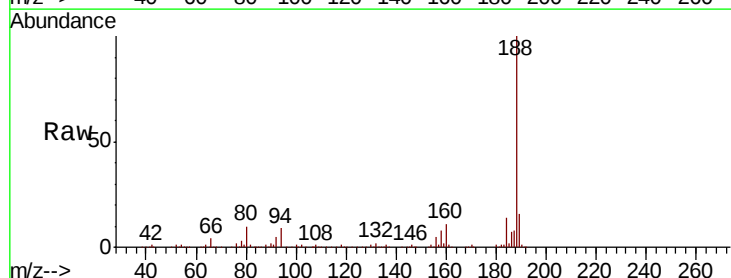
Tgt Ion:188 Resp: 451513

Ion Ratio Lower Upper

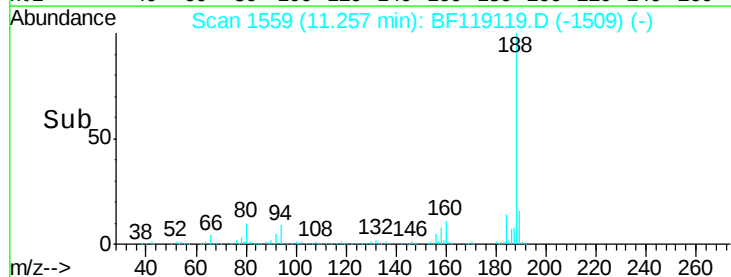
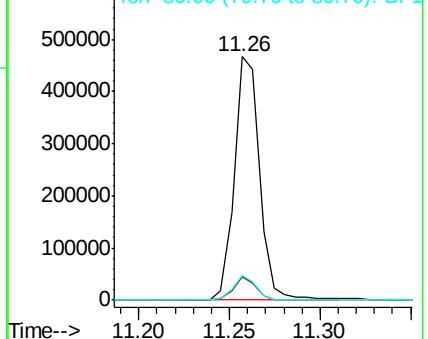
188 100

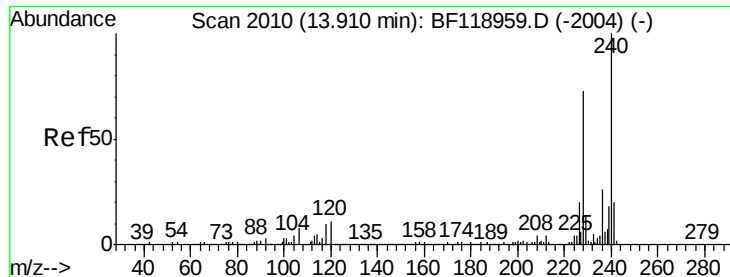
94 9.5 7.1 10.7

80 10.0 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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

Instrument :

BNA_F

ClientSampleId :

72-12016

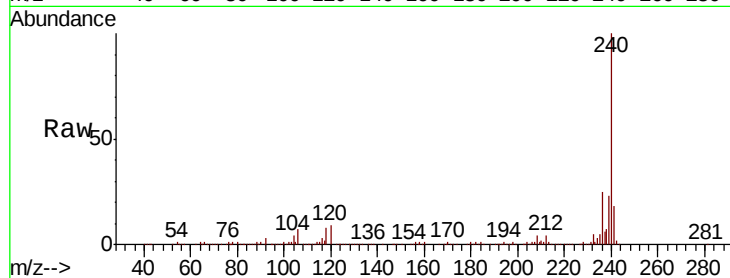
Tot Ion:240 Resp: 295325

Ion Ratio Lower Upper

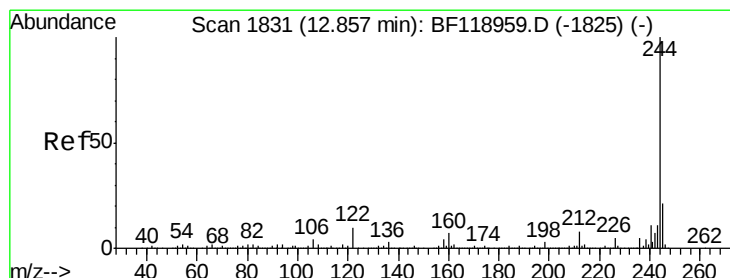
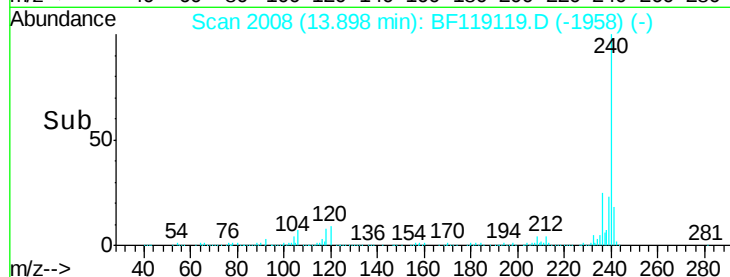
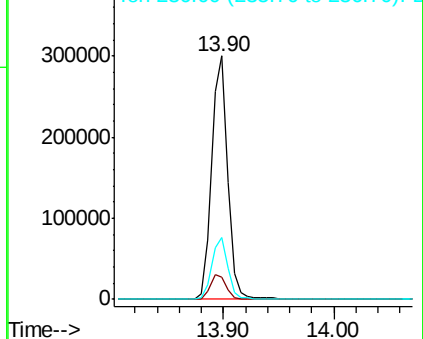
240 100

120 9.2 8.4 12.6

236 25.4 21.0 31.4



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



#79

Terphenyl-d14

Concen: 55.317 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119119.D

Acq: 27 Feb 2020 19:40

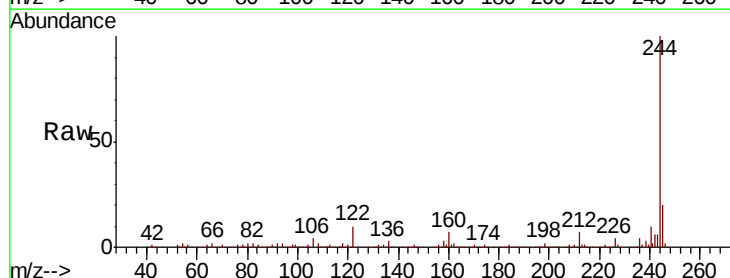
Tgt Ion:244 Resp: 948868

Ion Ratio Lower Upper

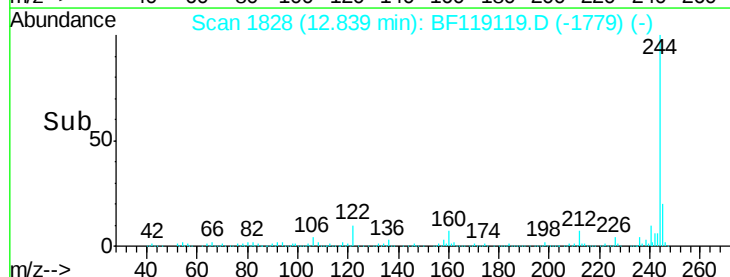
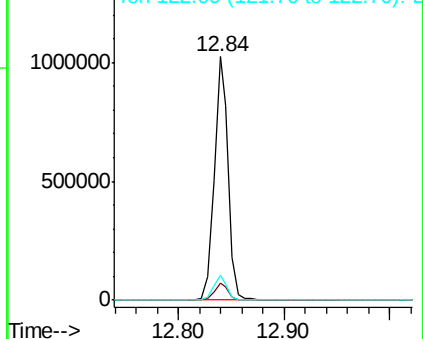
244 100

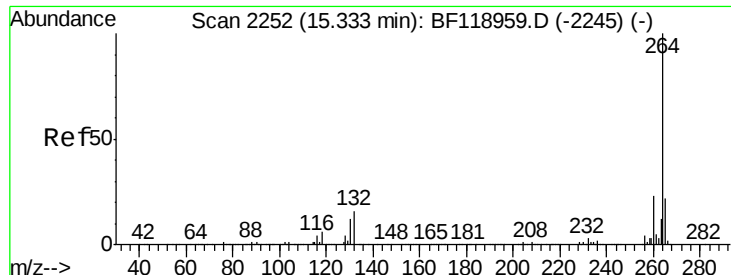
212 7.1 6.6 10.0

122 10.2 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

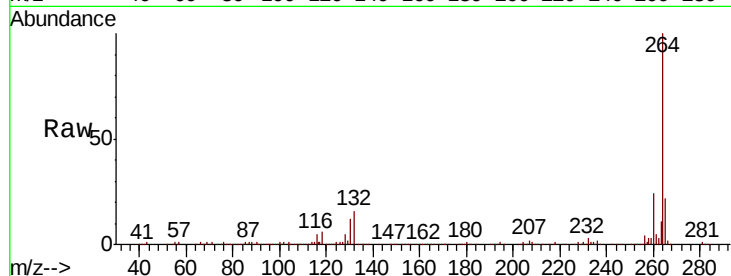




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BF119119.D
 Acq: 27 Feb 2020 19:40

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Tot Ion:	264	Resp:	365552
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.6	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

