

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118922.D
 Acq On : 13 Feb 2020 16:20
 Operator : CG/JU
 Sample : L1385-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-021220

Quant Time: Feb 14 01:01:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

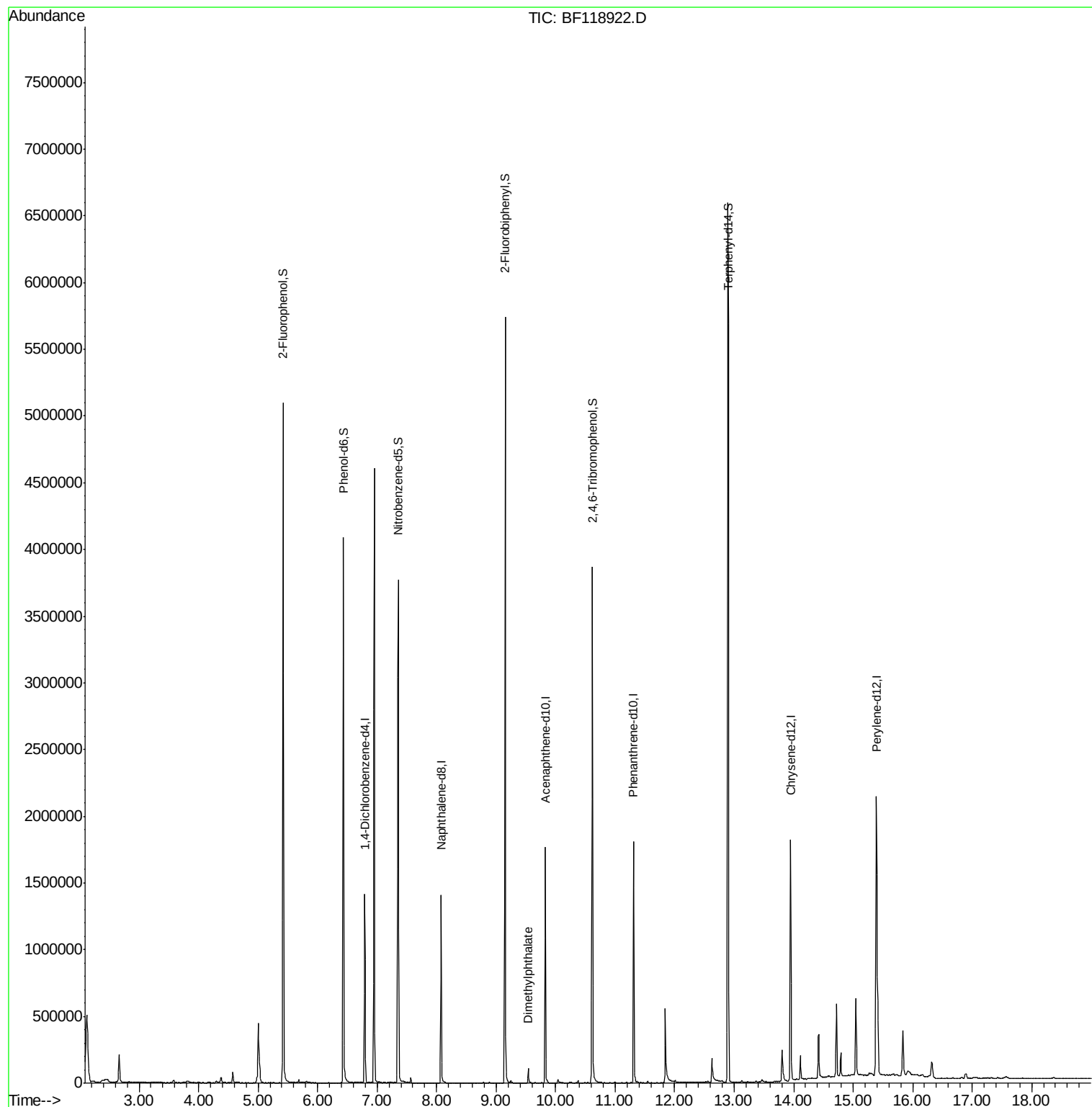
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	207924	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	629297	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	355097	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	692626	20.00	ng	-0.03
76) Chrysene-d12	13.95	240	694435	20.00	ng	-0.03
87) Perylene-d12	15.39	264	1007122	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1469151	133.75	ng	-0.01
7) Phenol-d6	6.43	99	1509451	110.70	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1292675	122.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	579980	136.50	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	1816545	91.45	ng	-0.03
79) Terphenyl-d14	12.90	244	2671375	79.02	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.55	163	55737	2.305	ng	Qvalue 97

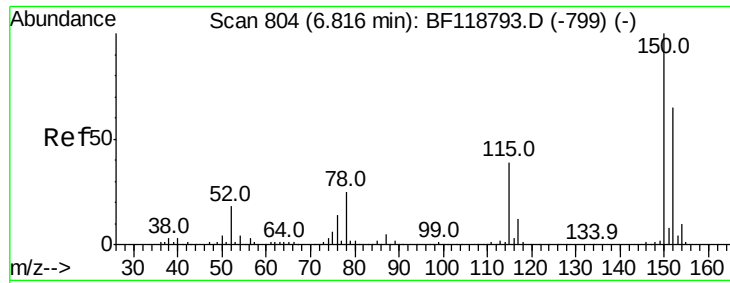
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 14 01:01:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



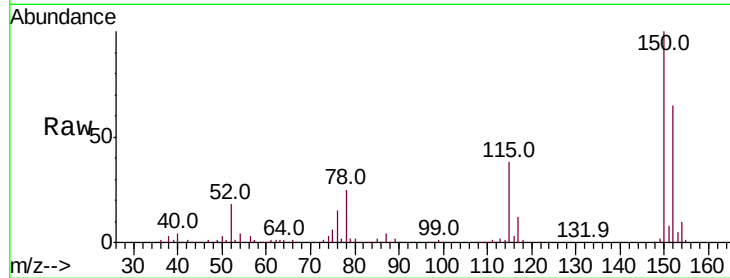


#1

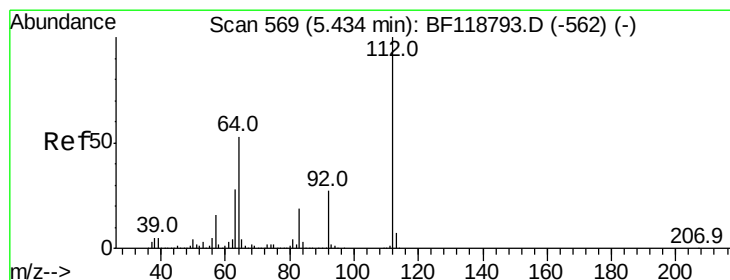
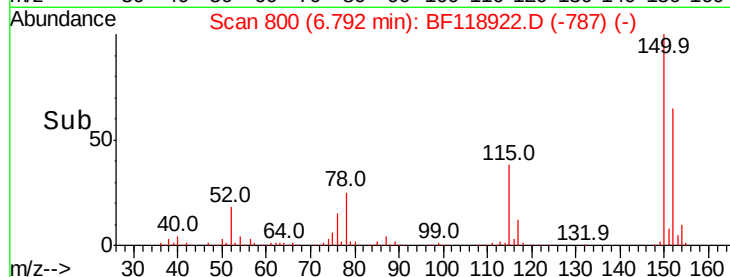
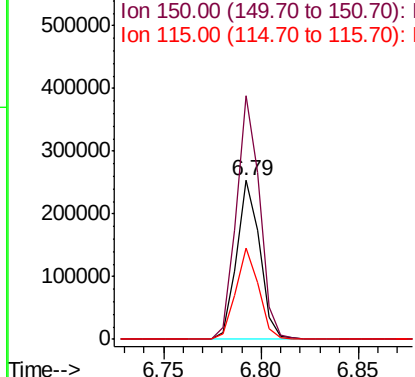
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118922.D
Acq: 13 Feb 2020 16:20

Instrument :
BNA_F
ClientSampleId :
HD-02-021220

Tot Ion:152 Resp: 207924
Ion Ratio Lower Upper
152 100
150 153.5 123.6 185.4
115 58.0 48.2 72.2



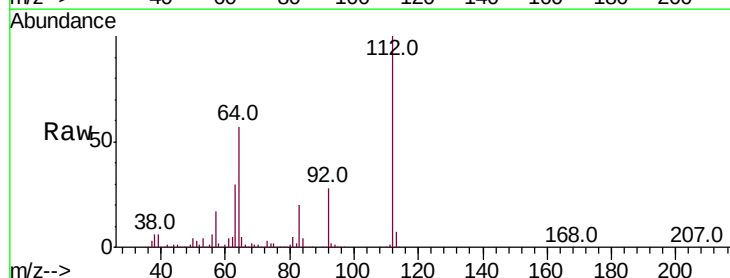
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



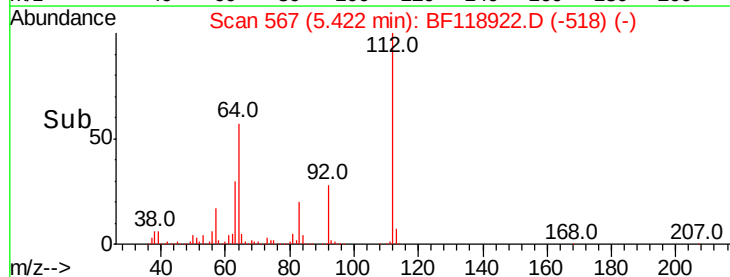
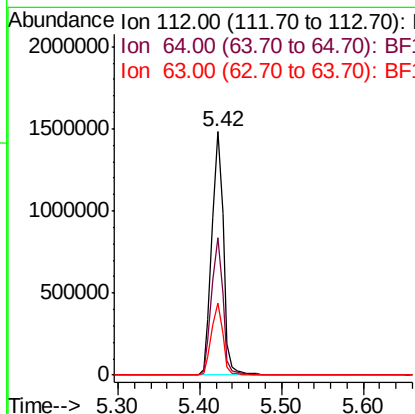
#5

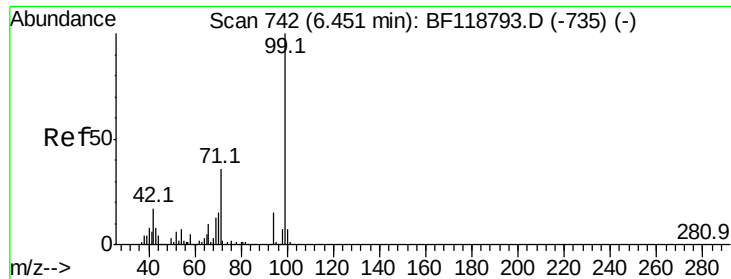
2-Fluorophenol
Concen: 133.751 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118922.D
Acq: 13 Feb 2020 16:20

Tgt Ion:112 Resp: 1469151
Ion Ratio Lower Upper
112 100
64 56.5 42.6 63.8
63 29.8 22.2 33.4



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: 110.701 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

HD-02-021220

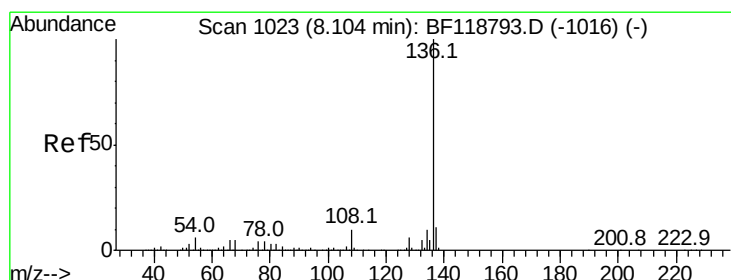
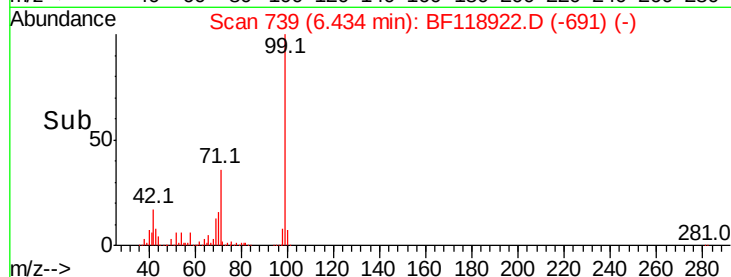
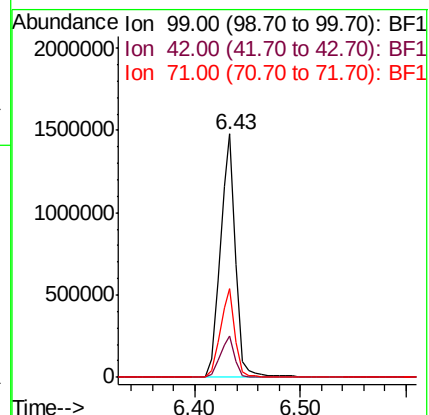
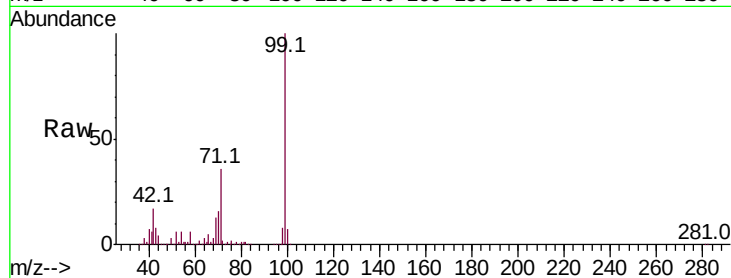
Tot Ion: 99 Resp: 1509451

Ion Ratio Lower Upper

99 100

42 16.9 13.4 20.0

71 36.4 29.0 43.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Tgt Ion: 136 Resp: 629297

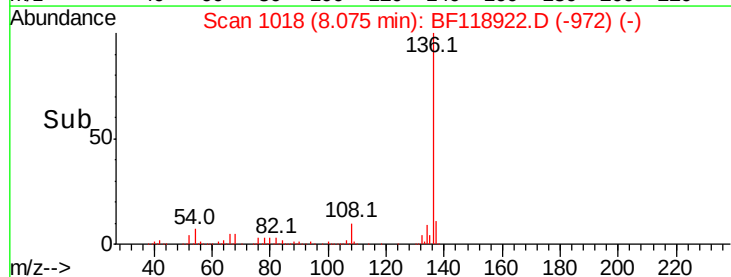
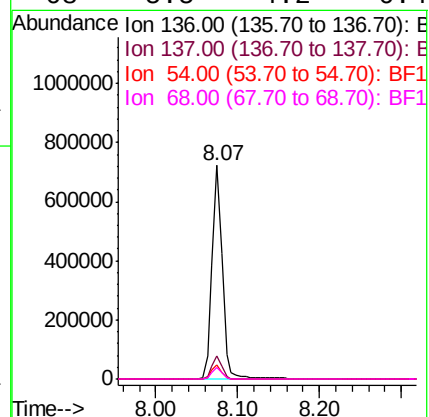
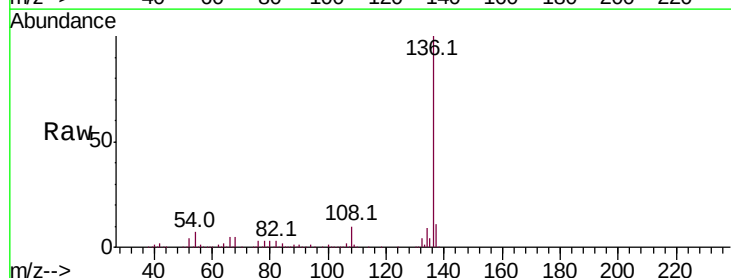
Ion Ratio Lower Upper

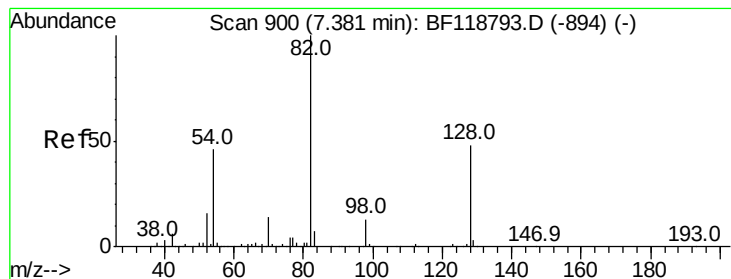
136 100

137 10.9 8.7 13.1

54 6.6 5.0 7.6

68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 122.438 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

HD-02-021220

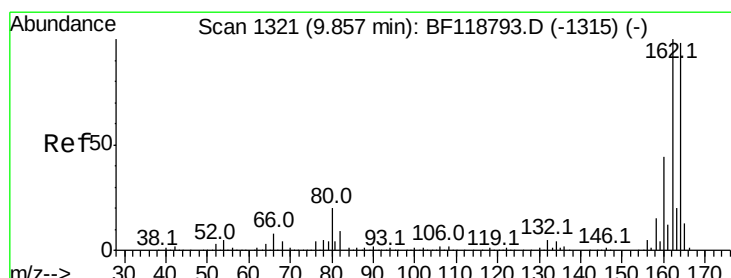
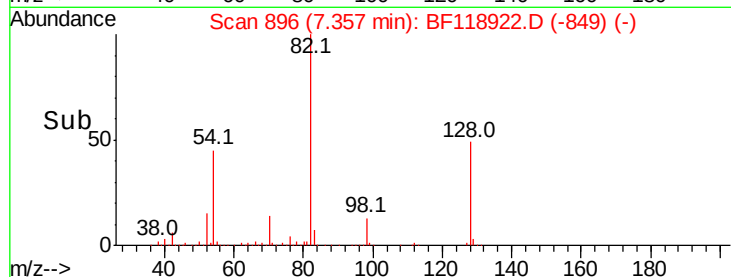
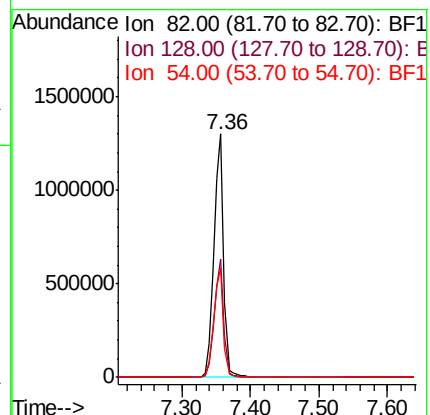
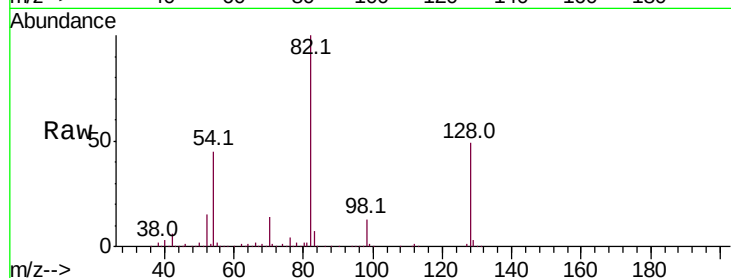
Tot Ion: 82 Resp: 1292675

Ion Ratio Lower Upper

82 100

128 48.8 38.5 57.7

54 45.0 36.7 55.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

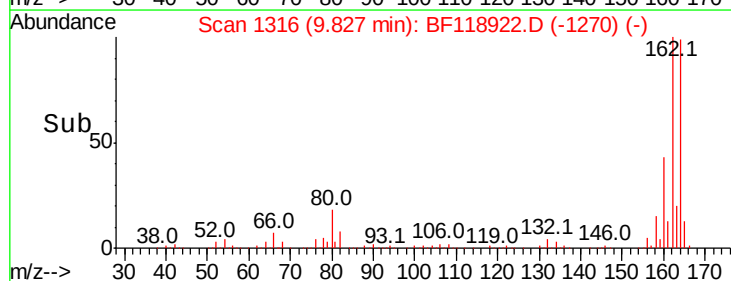
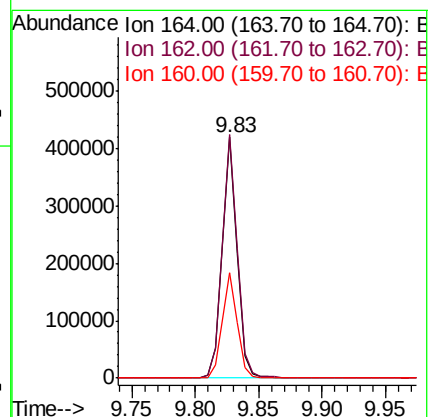
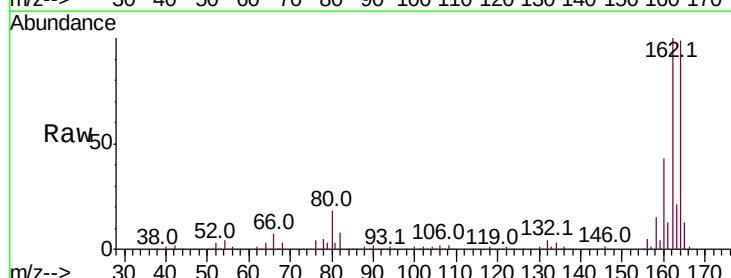
Tgt Ion:164 Resp: 355097

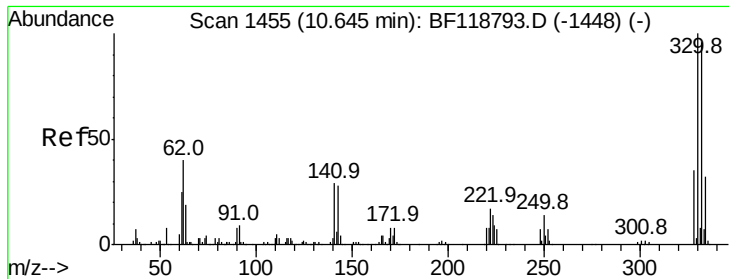
Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.2

160 43.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 136.503 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

HD-02-021220

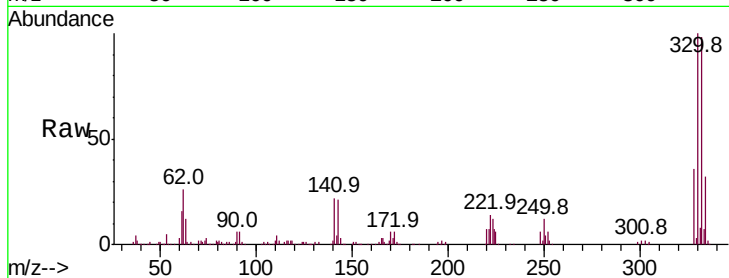
Tot Ion:330 Resp: 579980

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

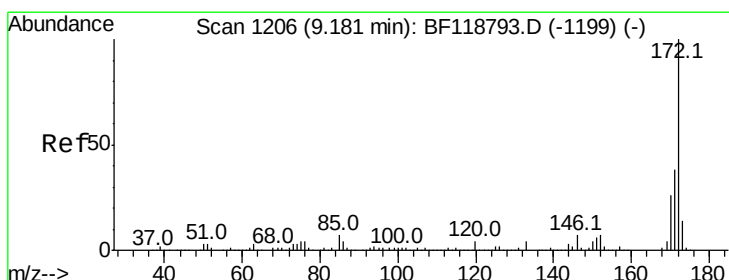
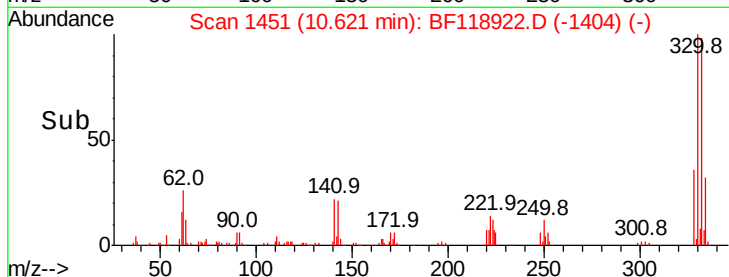
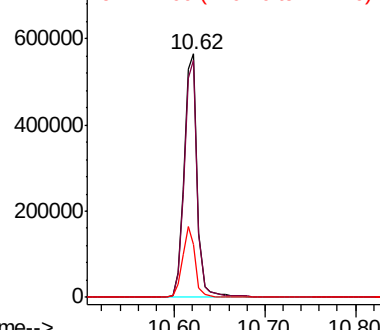
141 27.8 22.4 33.6



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: 91.452 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

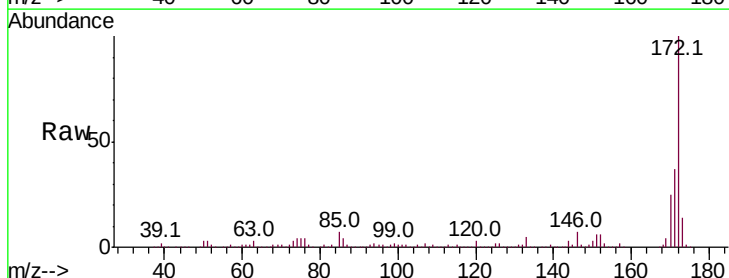
Tgt Ion:172 Resp: 1816545

Ion Ratio Lower Upper

172 100

171 37.4 30.8 46.2

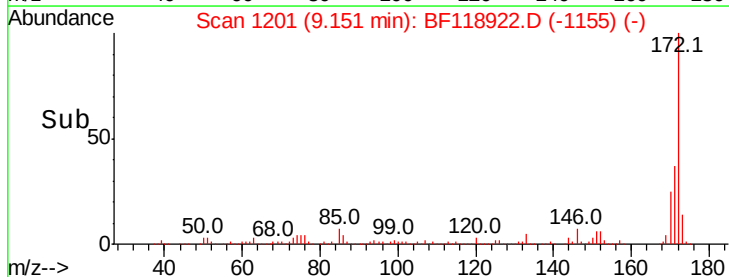
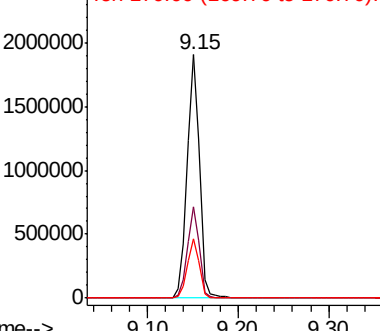
170 24.6 20.5 30.7

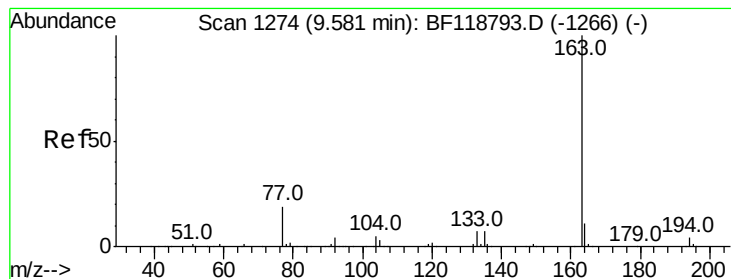


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.305 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.04 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

HD-02-021220

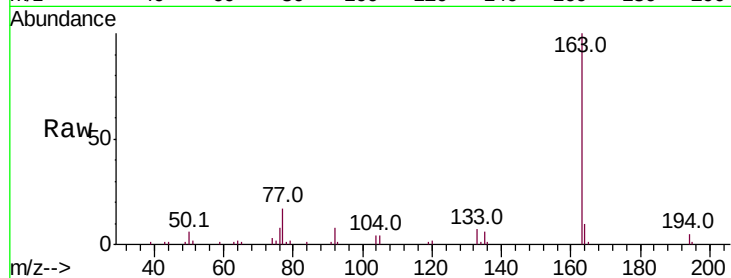
Tot Ion:163 Resp: 55737

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

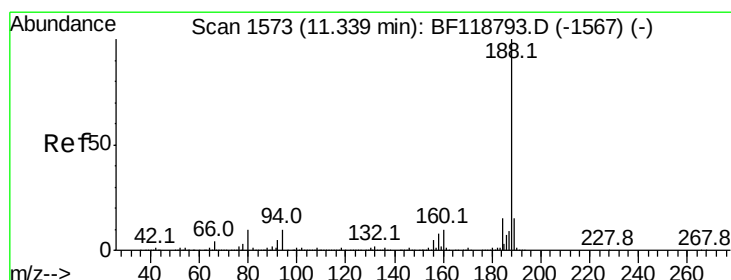
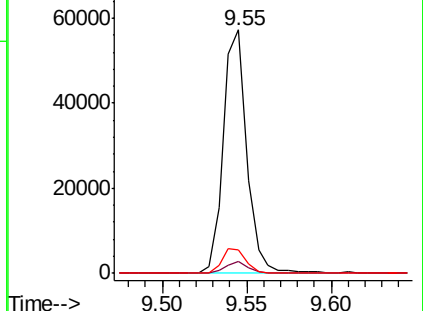
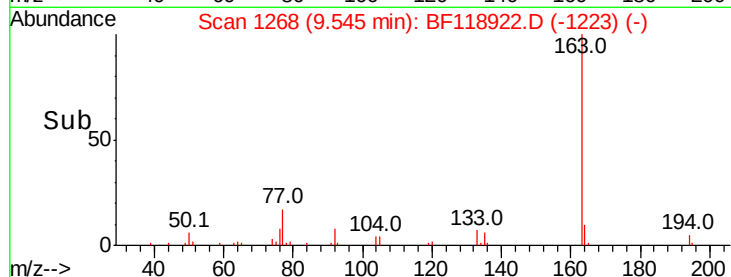
164 9.6 8.7 13.1



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: 11.31 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

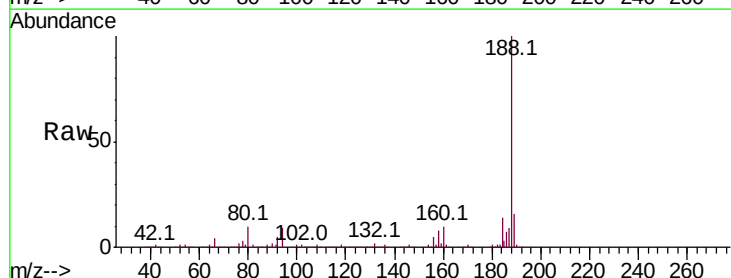
Tgt Ion:188 Resp: 692626

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

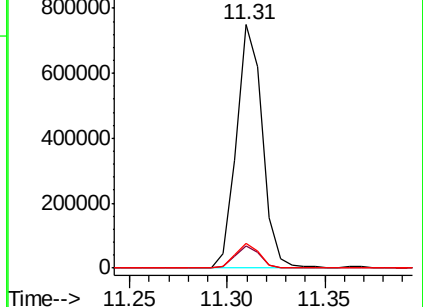
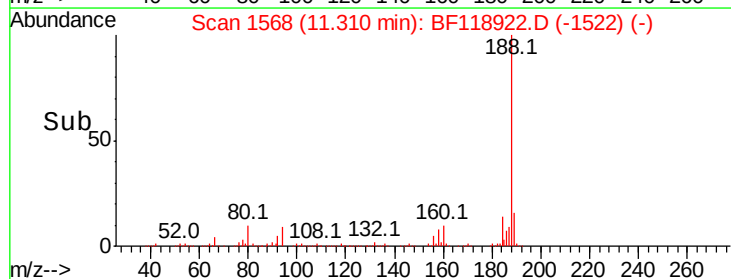
80 10.2 8.4 12.6

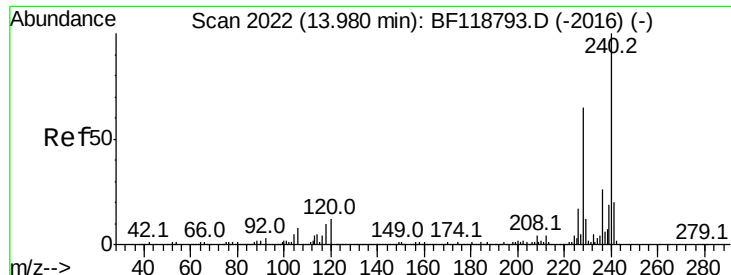


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 2017

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

HD-02-021220

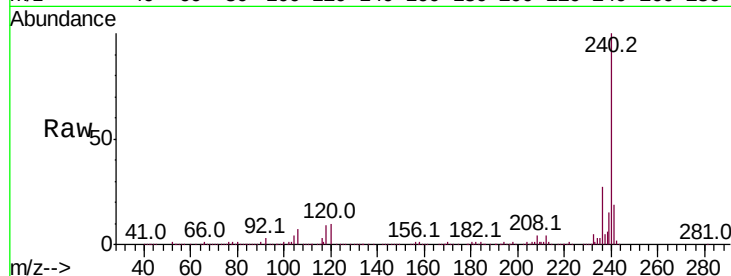
Tot Ion:240 Resp: 694435

Ion Ratio Lower Upper

240 100

120 9.6 9.4 14.0

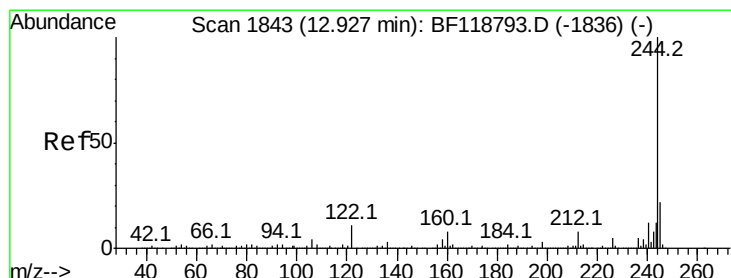
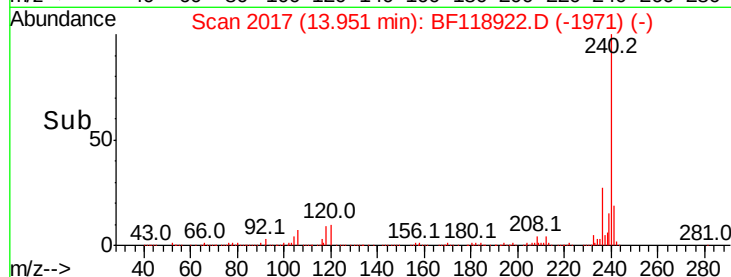
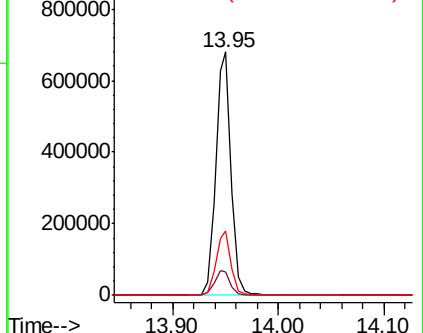
236 26.6 21.0 31.6



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: 79.016 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

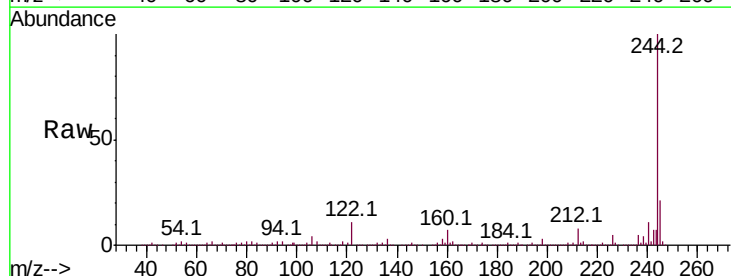
Tgt Ion:244 Resp: 2671375

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

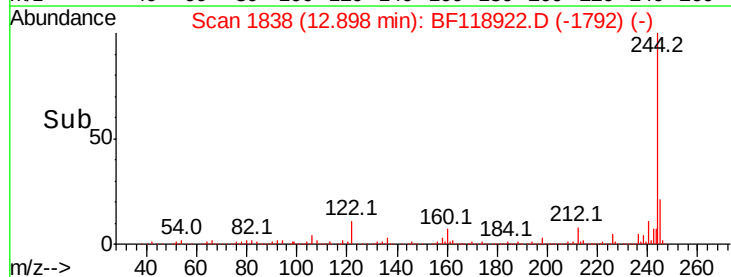
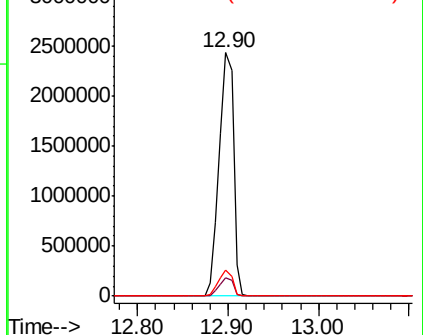
122 10.7 8.9 13.3

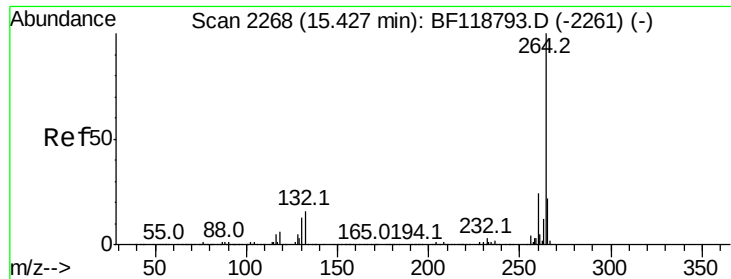


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 2262
Delta R.T. -0.04 min
Lab File: BF118922.D
Acq: 13 Feb 2020 16:20

Instrument :
BNA_F
ClientSampleId :
HD-02-021220

Tot Ion:264 Resp: 1007122

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	17.2	25.8

