

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117278.D
 Acq On : 1 Oct 2019 15:53
 Operator : JU
 Sample : K5019-02DL2 100X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Quant Time: Oct 01 16:47:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

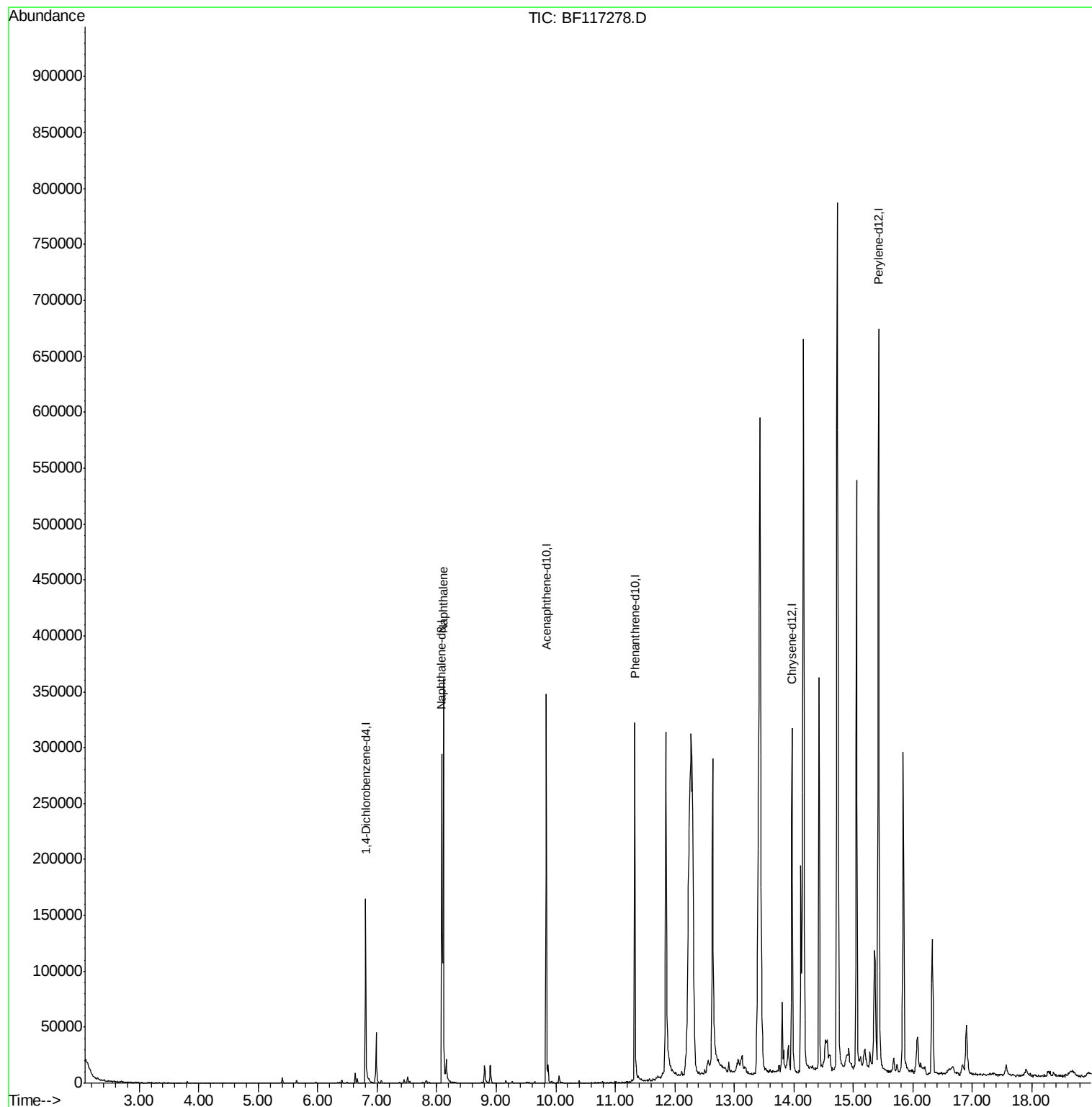
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	28183	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	127414	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	70743	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	124320	20.00	ng	0.00
76) Chrysene-d12	13.97	240	106022	20.00	ng	0.00
87) Perylene-d12	15.42	264	107278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.49	99	119	0.05	ng	0.03
23) Nitrobenzene-d5	7.39	82	140	0.06	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	1425	0.31	ng	-0.01
79) Terphenyl-d14	12.91	244	2857	0.50	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	183429	29.934	ng	Qvalue 98

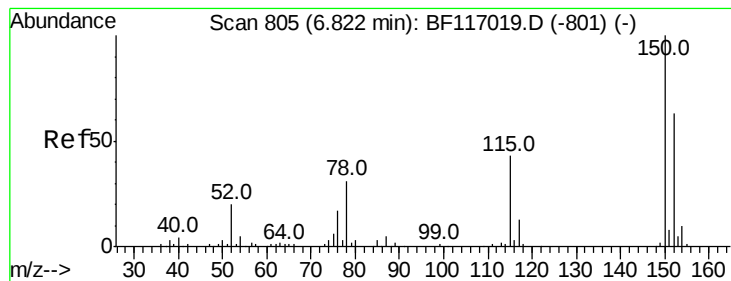
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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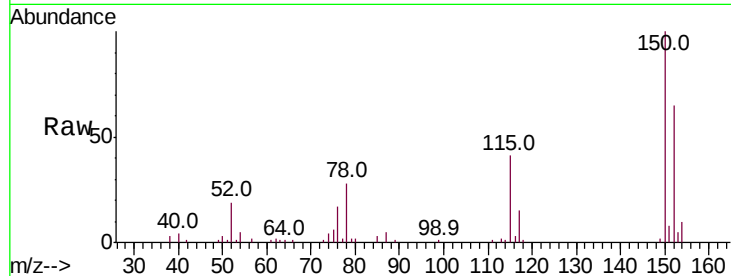


#1

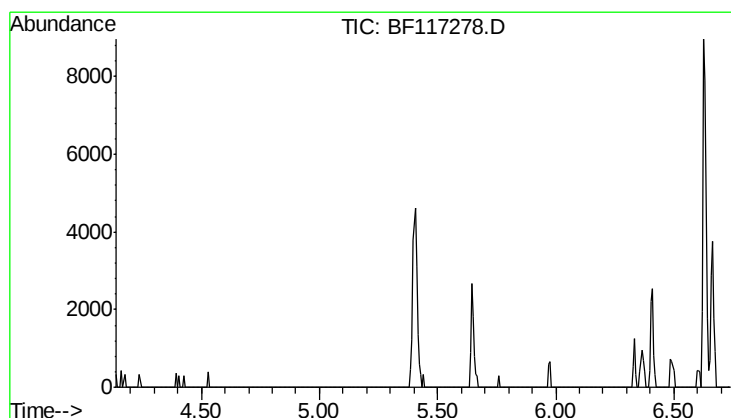
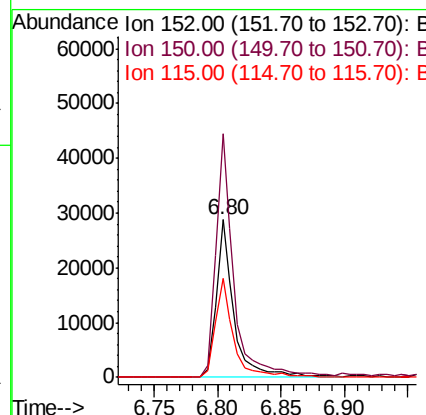
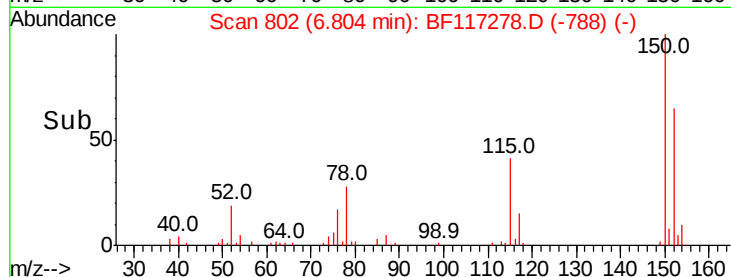
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tot Ion:152 Resp: 28183
 Ion Ratio Lower Upper
 152 100
 150 154.3 127.5 191.3
 115 62.9 55.0 82.4



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

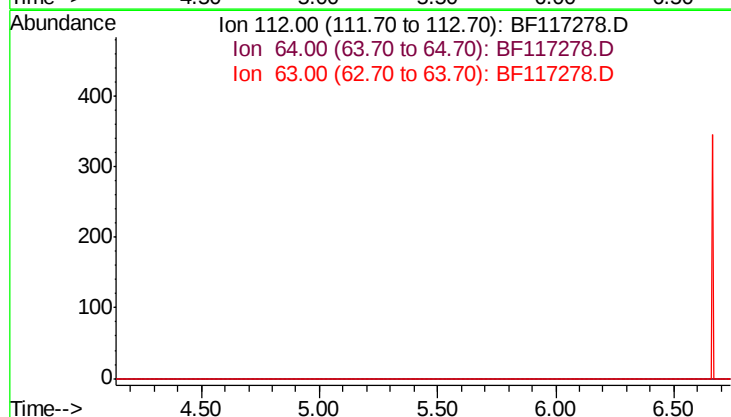


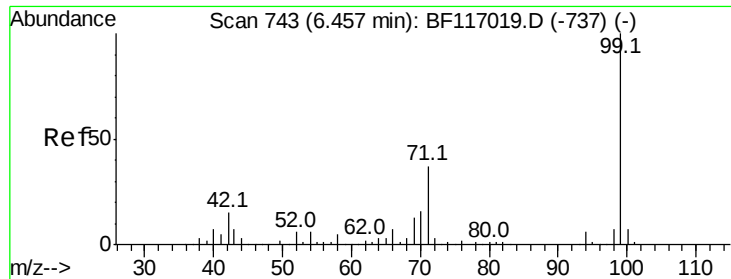
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.44 min

Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.1
 63 31.1





#7

Phenol-d6

Concen: 0.051 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.03 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

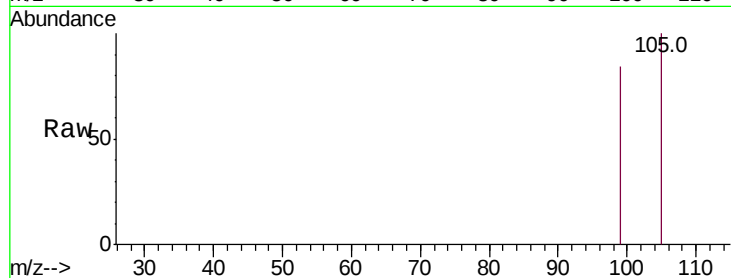
Tot Ion: 99 Resp: 119

Ion Ratio Lower Upper

99 100

42 0.0 12.2 18.2#

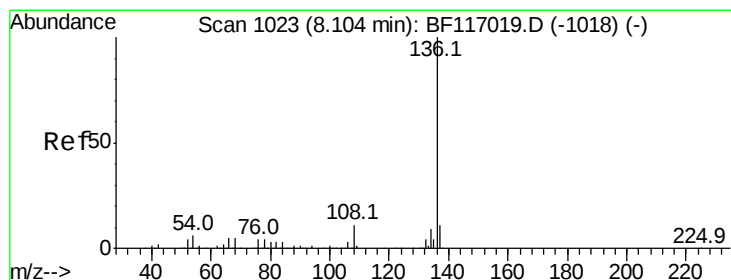
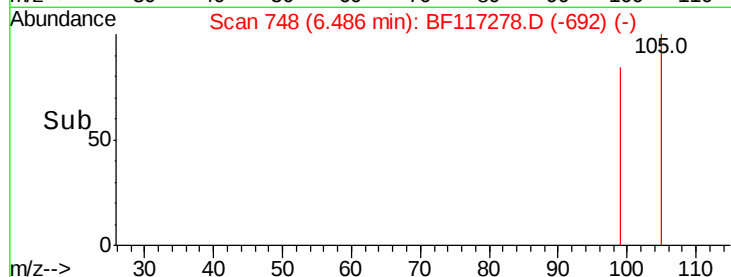
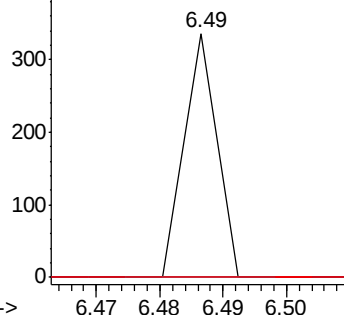
71 0.0 29.8 44.8#



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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Tgt Ion: 136 Resp: 127414

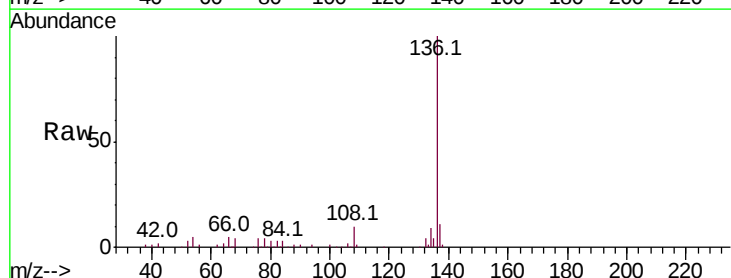
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 4.8 4.5 6.7

68 4.4 4.0 6.0

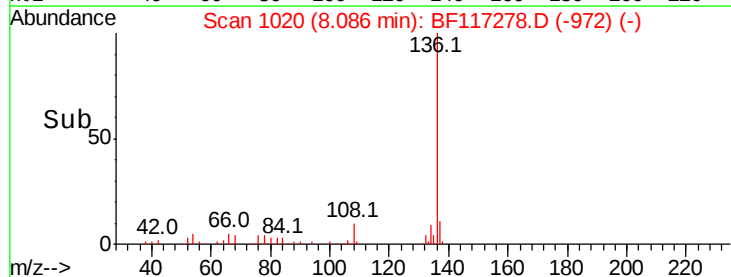
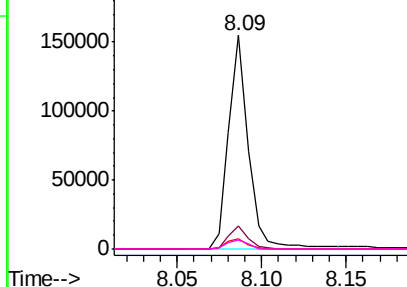


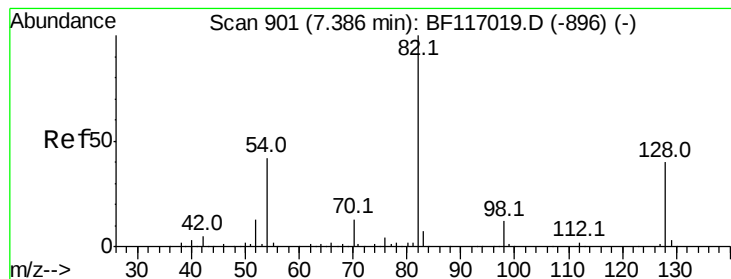
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.058 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

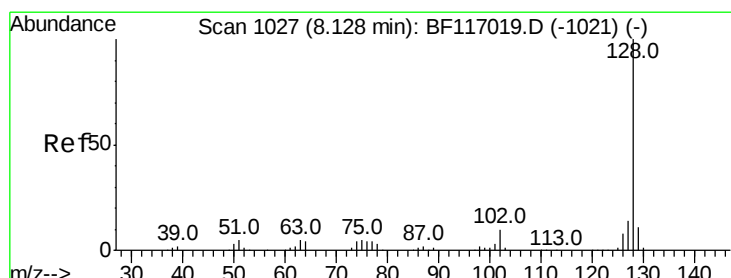
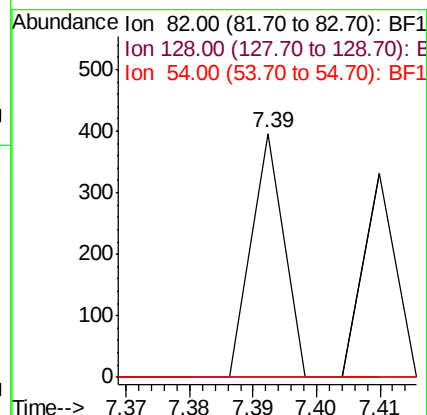
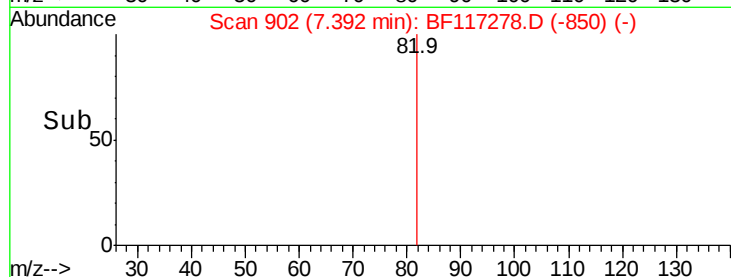
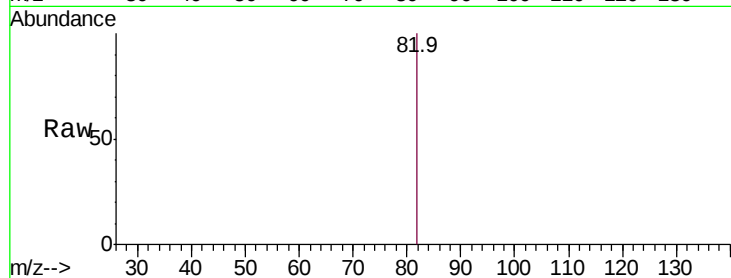
Tot Ion: 82 Resp: 140

Ion Ratio Lower Upper

82 100

128 0.0 32.3 48.5#

54 0.0 33.3 49.9#



#31

Naphthalene

Concen: 29.934 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

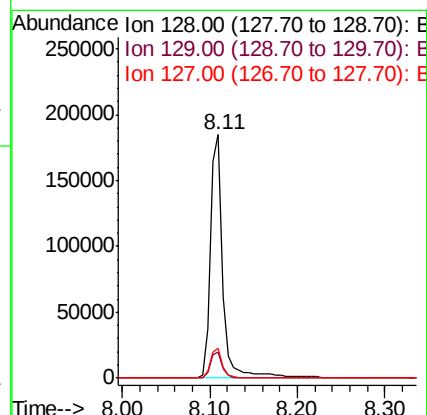
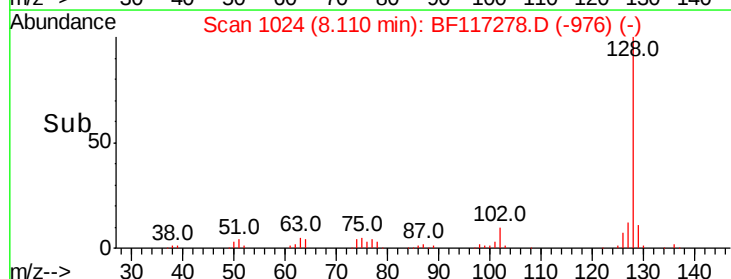
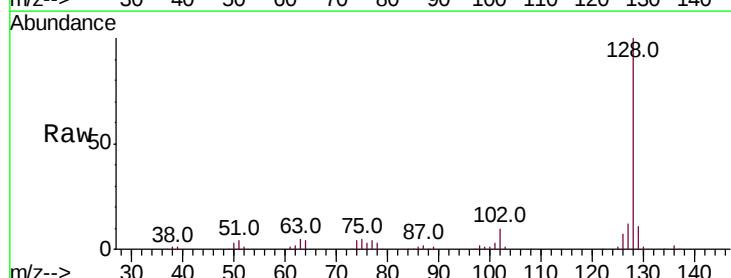
Tgt Ion:128 Resp: 183429

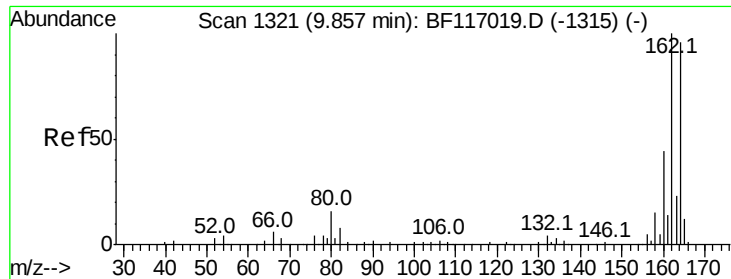
Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 12.3 10.8 16.2

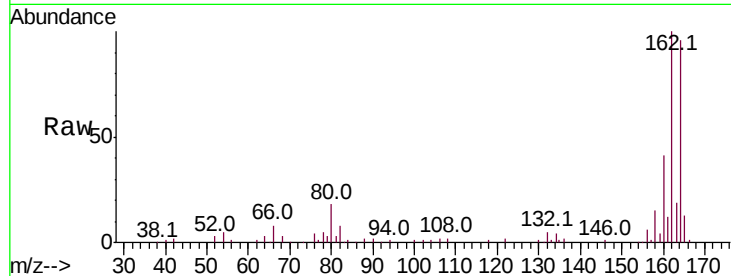




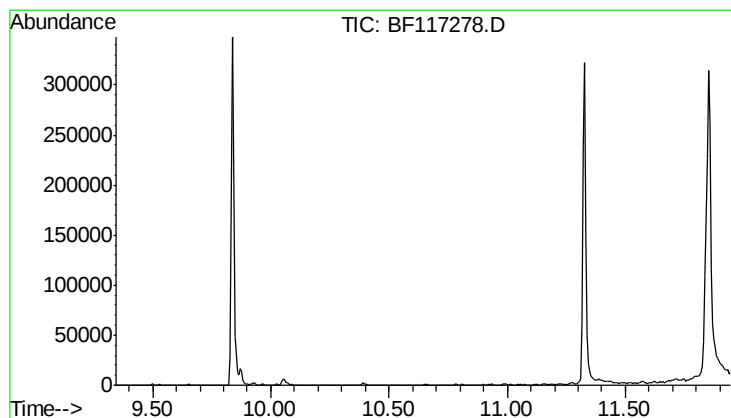
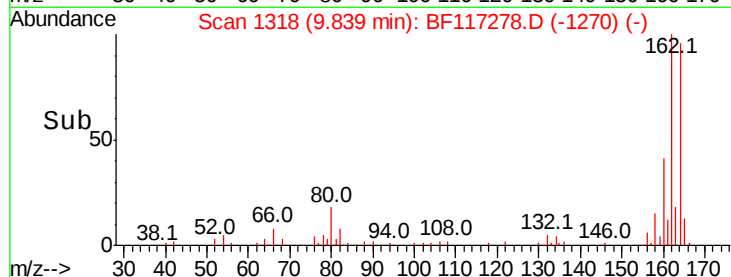
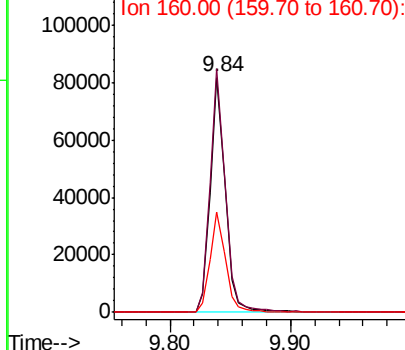
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tot Ion:164 Resp: 70743
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.4 125.2
 160 42.6 36.4 54.6



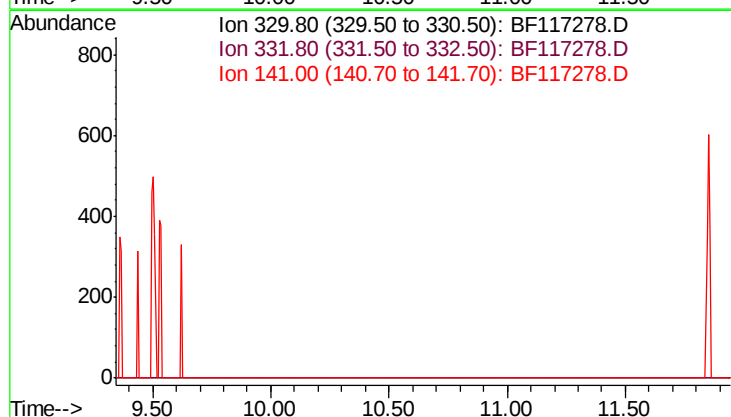
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

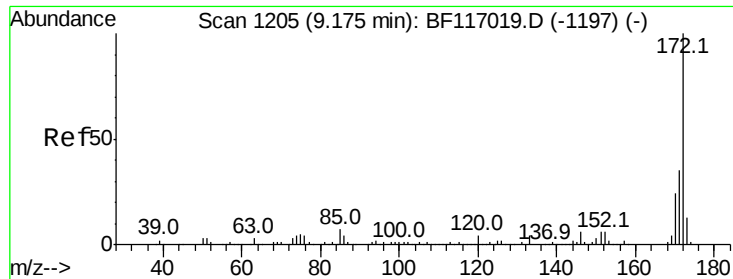


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min

Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.5
 141 44.7

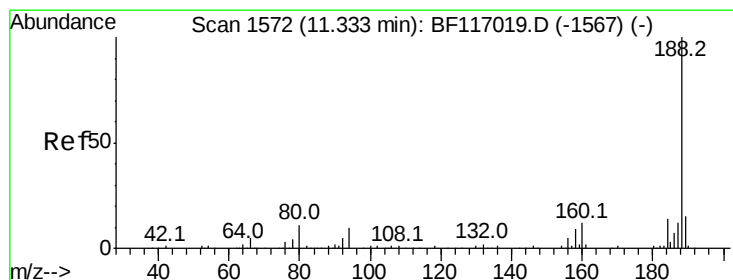
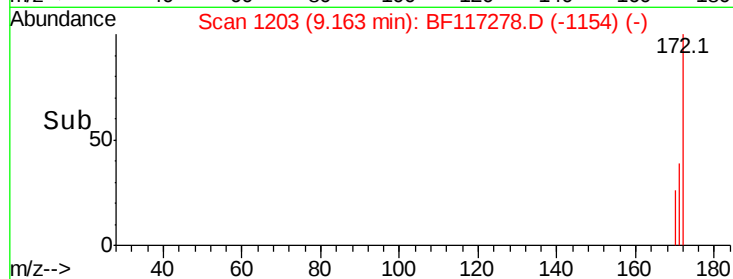
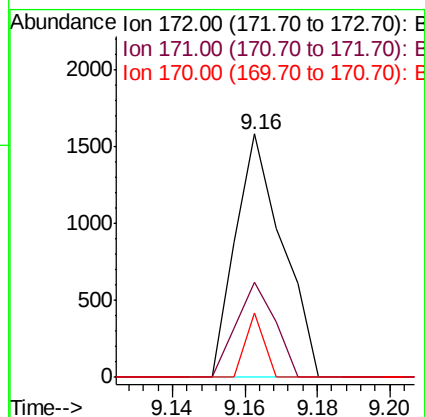
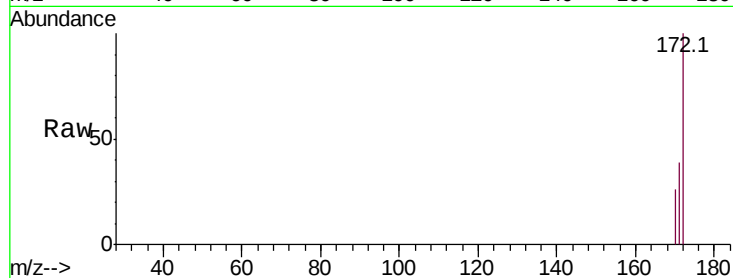




#45
 2-Fluorobiphenyl
 Concen: 0.315 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

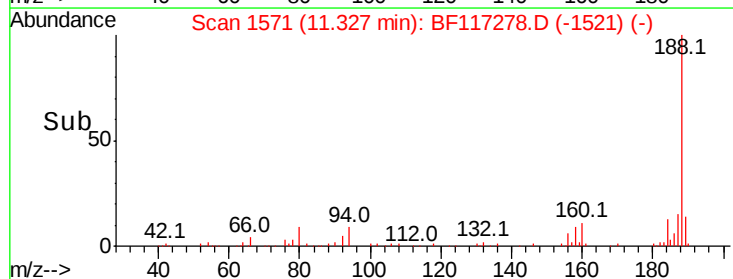
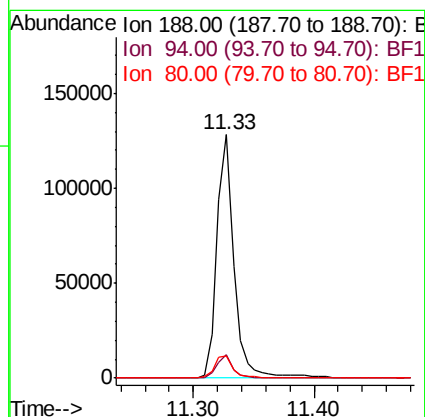
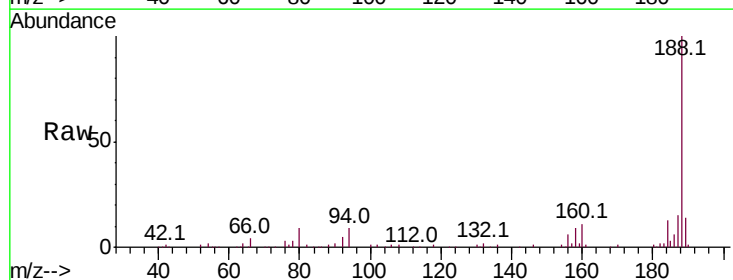
Instrument :
 BNA_F
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 QNWP8-MW30D-GWDL2

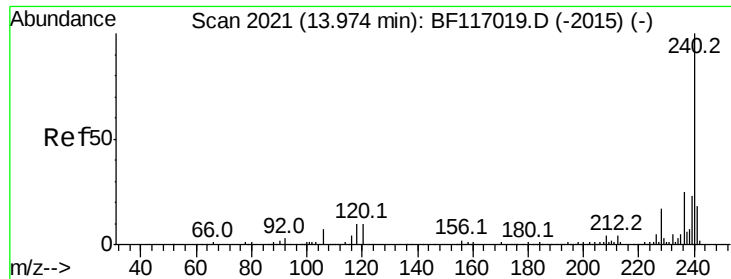
Tot Ion:172 Resp: 1425
 Ion Ratio Lower Upper
 172 100
 171 39.3 28.2 42.2
 170 26.5 18.9 28.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Tgt Ion:188 Resp: 124320
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.2 12.2
 80 9.1 9.0 13.6

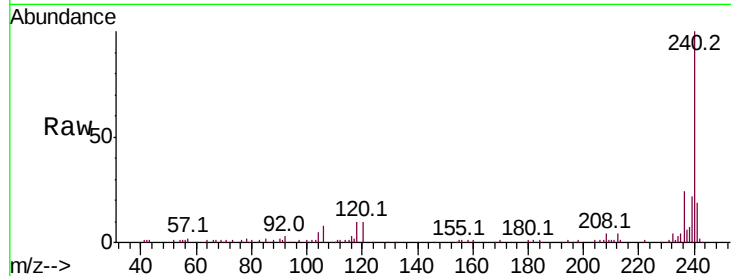




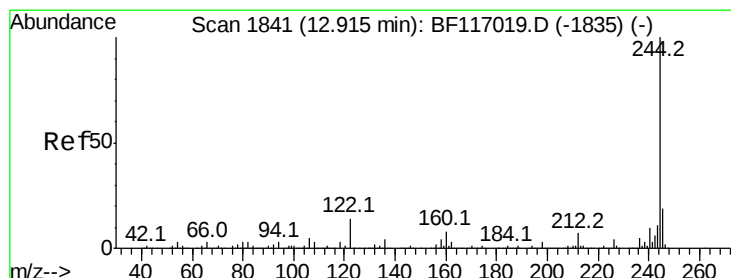
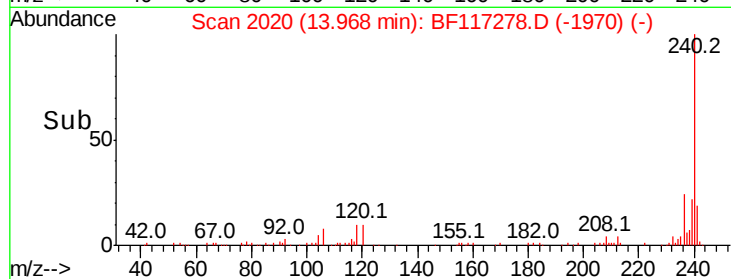
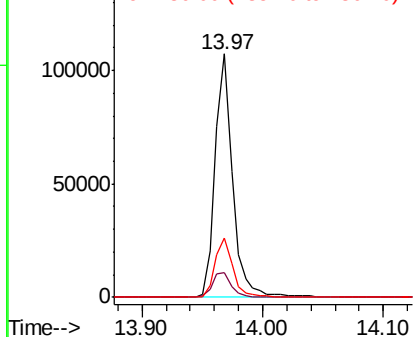
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tot Ion:240 Resp: 106022
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 24.2 20.3 30.5

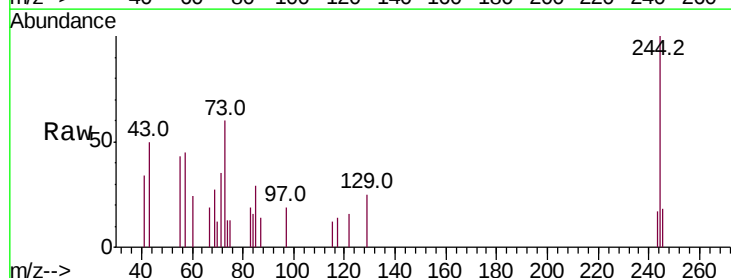


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

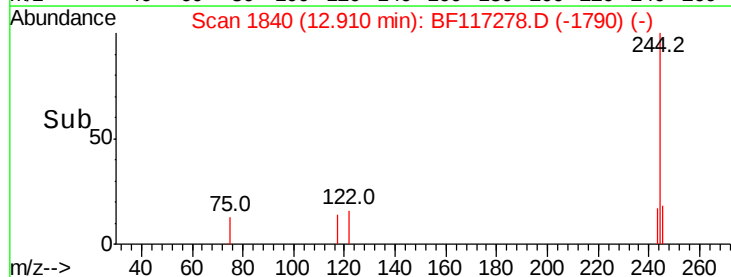
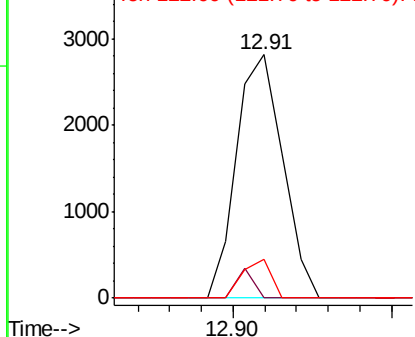


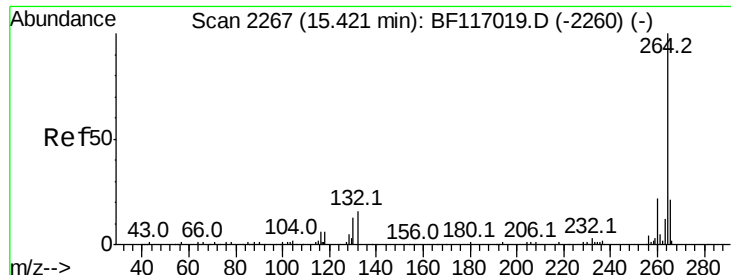
#79
Terphenyl-d14
Concen: 0.504 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:244 Resp: 2857
Ion Ratio Lower Upper
244 100
212 0.0 5.8 8.8#
122 16.2 11.3 16.9



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
Pervlone-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.6	26.4
265	20.2	16.6	24.8

