

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116453.D
 Acq On : 21 Aug 2019 1:48
 Operator : HP/JU
 Sample : K4095-09 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081919

Quant Time: Aug 21 07:10:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

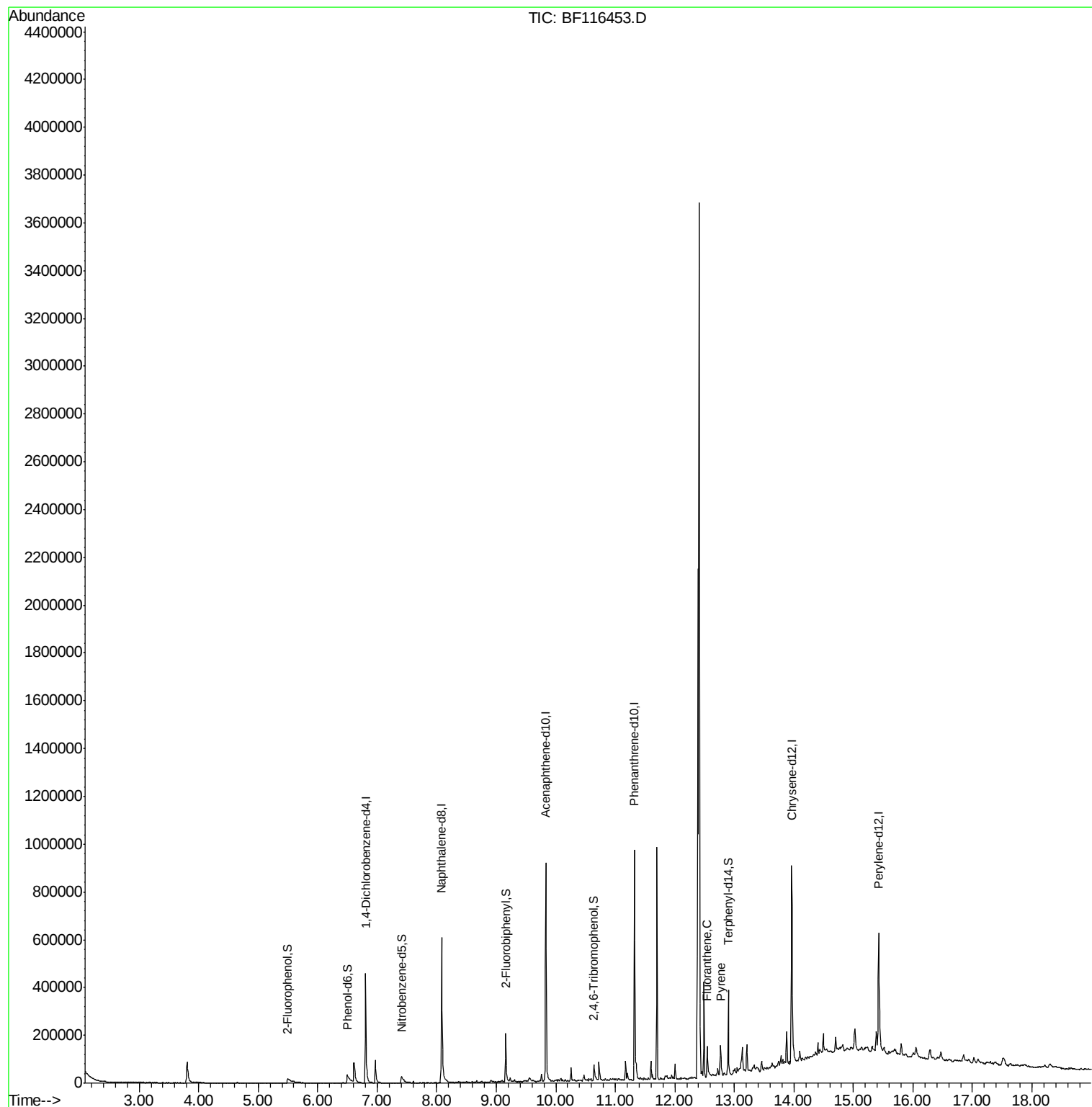
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	81113	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	347342	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	190657	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	362289	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	271785	20.00	ng	-0.02
87) Perylene-d12	15.42	264	270297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	32762	6.76	ng	0.06
7) Phenol-d6	6.50	99	56399	9.23	ng	0.04
23) Nitrobenzene-d5	7.41	82	33893	5.63	ng	0.02
42) 2,4,6-Tribromophenol	10.64	330	14854	8.04	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	82860	8.14	ng	-0.01
79) Terphenyl-d14	12.90	244	111487	8.64	ng	-0.02
Target Compounds						
75) Fluoranthene	12.54	202	52269	2.696	ng	99
78) Pyrene	12.77	202	52836	2.579	ng	97

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

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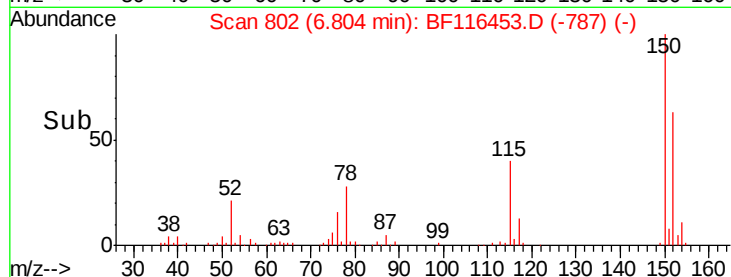
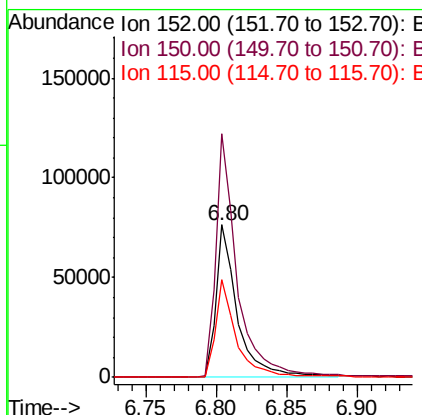
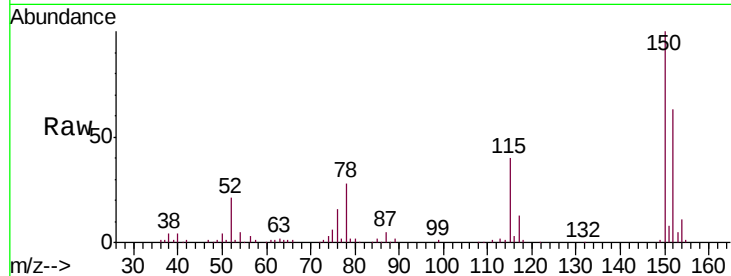


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116453.D
Acq: 21 Aug 2019 1:48

Instrument :
BNA_F
ClientSampleId :
SU-03-081919

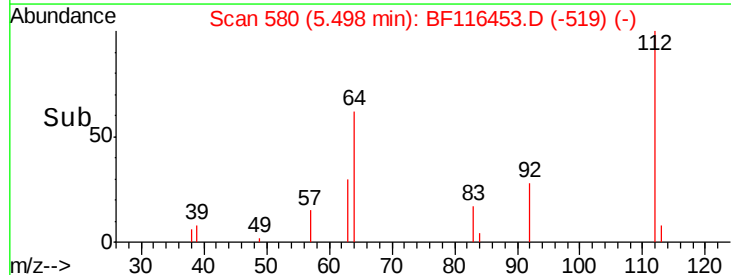
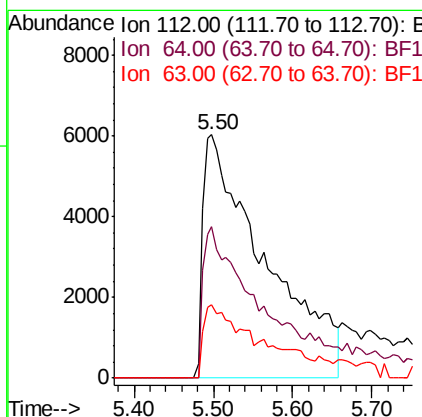
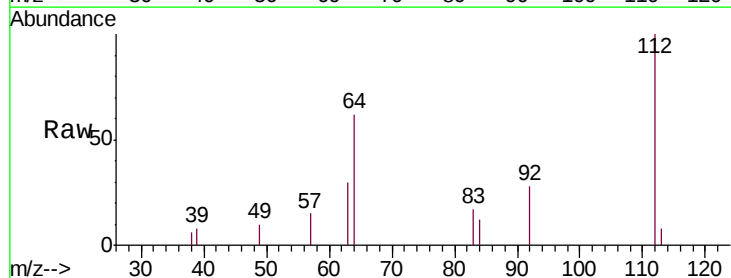
Tot Ion:152 Resp: 81113
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 63.8 49.9 74.9



#5

2-Fluorophenol
Concen: 6.762 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.06 min
Lab File: BF116453.D
Acq: 21 Aug 2019 1:48

Tgt Ion:112 Resp: 32762
Ion Ratio Lower Upper
112 100
64 62.1 45.4 68.2
63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 9.226 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.04 min

Lab File: BF116453.D

Acq: 21 Aug 2019 1:48

Instrument :

BNA_F

ClientSampleId :

SU-03-081919

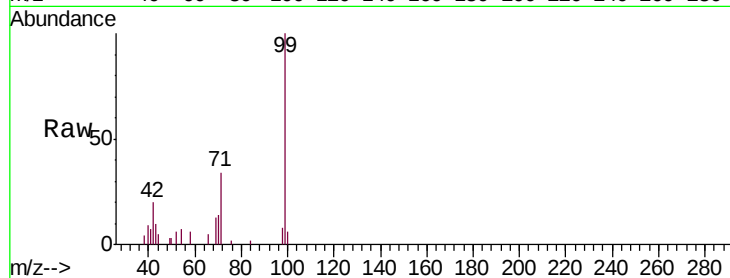
Tot Ion: 99 Resp: 56399

Ion Ratio Lower Upper

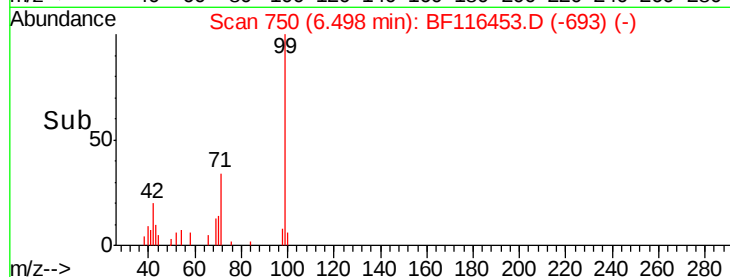
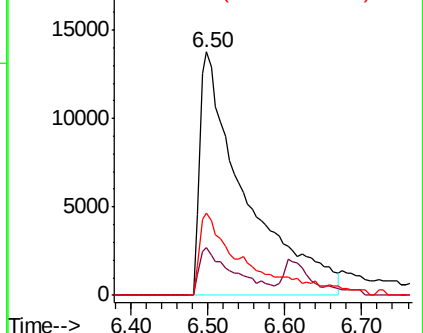
99 100

42 19.8 13.8 20.8

71 33.6 27.3 40.9



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. -0.01 min

Lab File: BF116453.D

Acq: 21 Aug 2019 1:48

Tgt Ion: 136 Resp: 347342

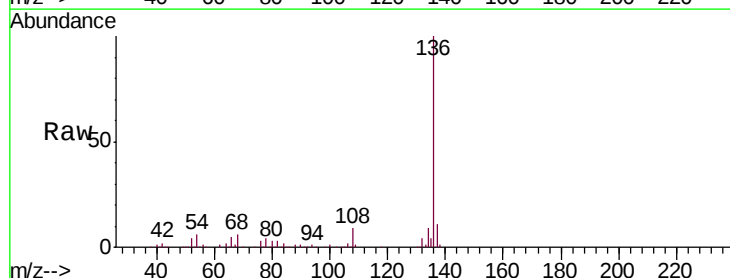
Ion Ratio Lower Upper

136 100

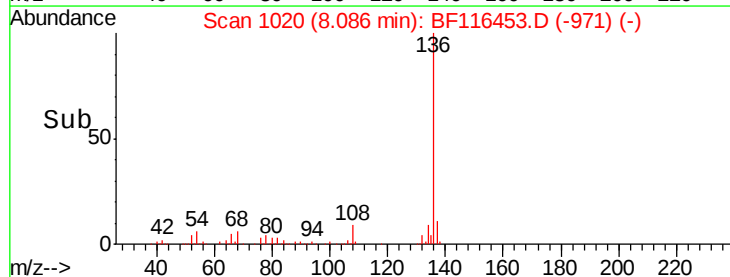
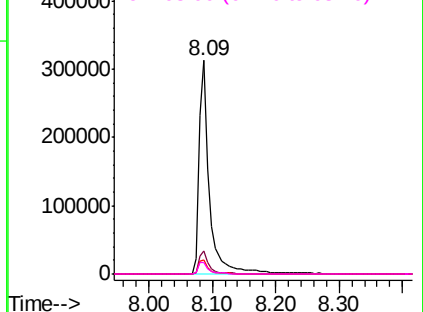
137 10.5 9.0 13.4

54 6.4 5.8 8.6

68 5.6 5.2 7.8



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

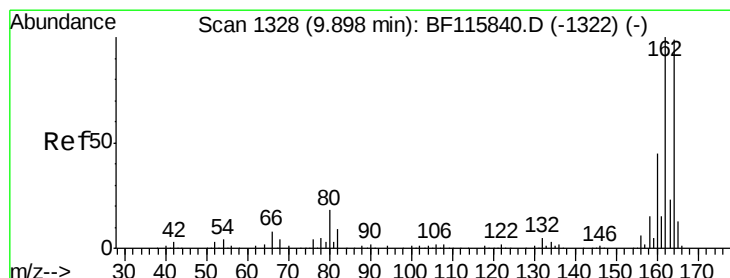
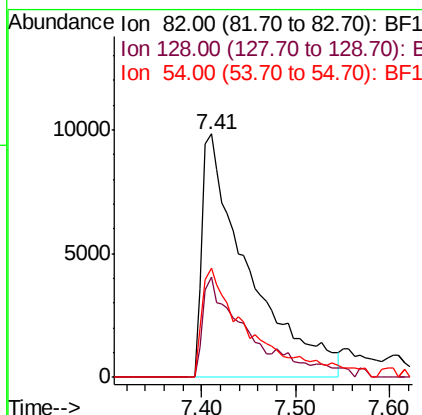
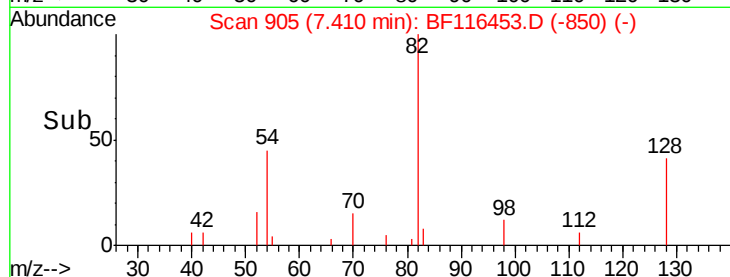
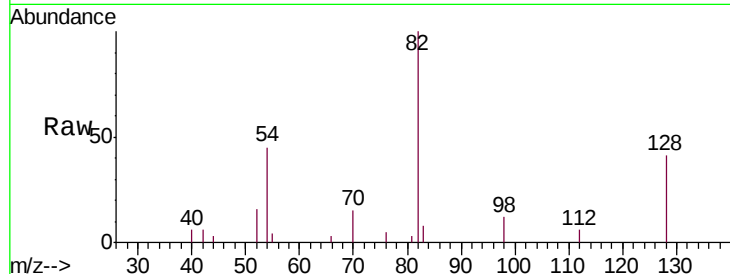




#23
 Nitrobenzene-d5
 Concen: 5.633 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.02 min
 Lab File: BF116453.D
 Acq: 21 Aug 2019 1:48

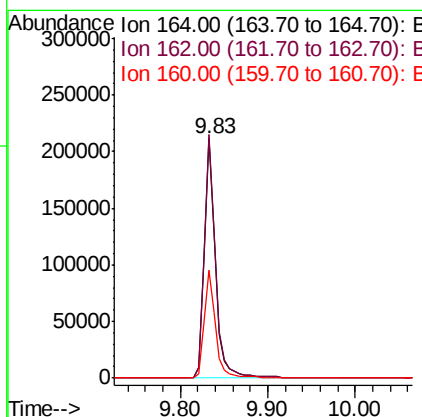
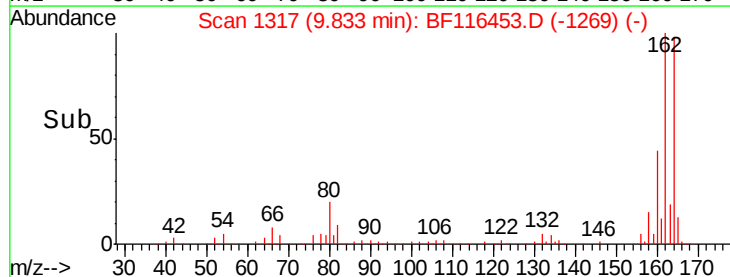
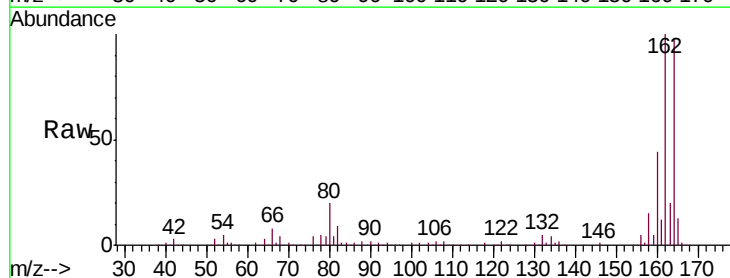
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081919

Tot Ion: 82 Resp: 33893
 Ion Ratio Lower Upper
 82 100
 128 41.2 36.5 54.7
 54 45.0 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116453.D
 Acq: 21 Aug 2019 1:48

Tgt Ion: 164 Resp: 190657
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 124.0
 160 44.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 8.036 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF116453.D

Acq: 21 Aug 2019 1:48

Instrument :

BNA_F

ClientSampled :

SU-03-081919

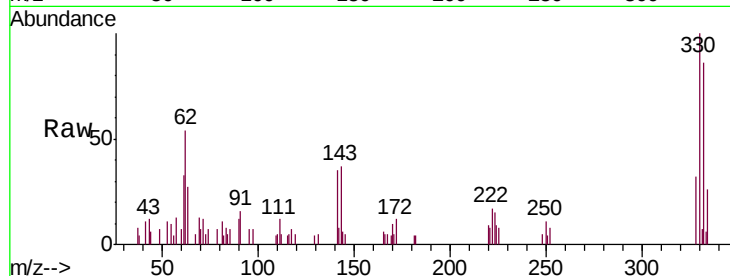
Tot Ion:330 Resp: 14854

Ion Ratio Lower Upper

330 100

332 93.5 76.8 115.2

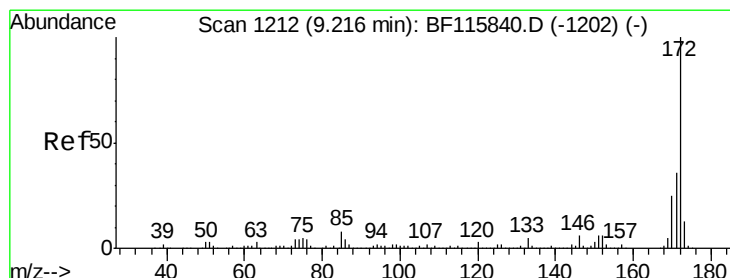
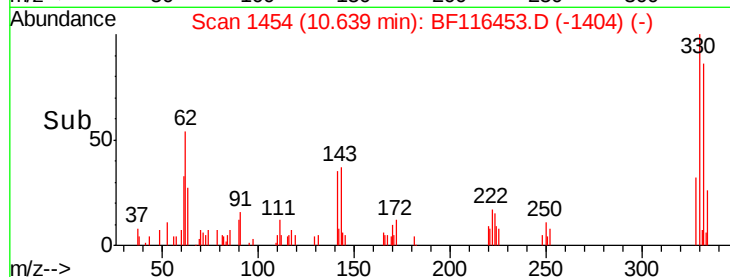
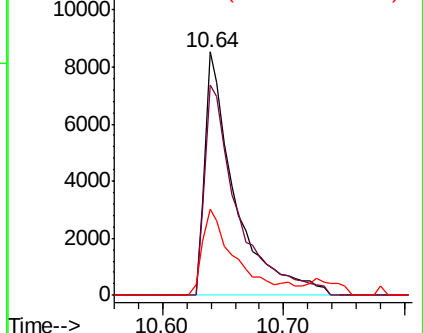
141 39.4 26.3 39.5



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: 8.140 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116453.D

Acq: 21 Aug 2019 1:48

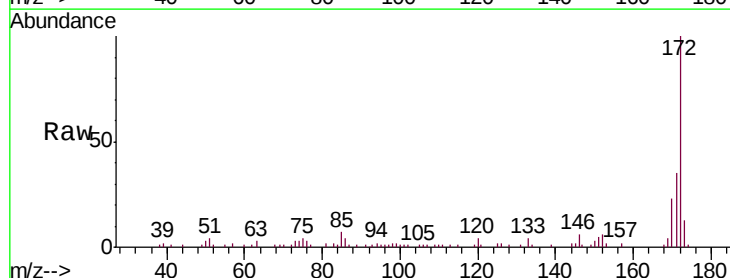
Tgt Ion:172 Resp: 82860

Ion Ratio Lower Upper

172 100

171 34.9 29.6 44.4

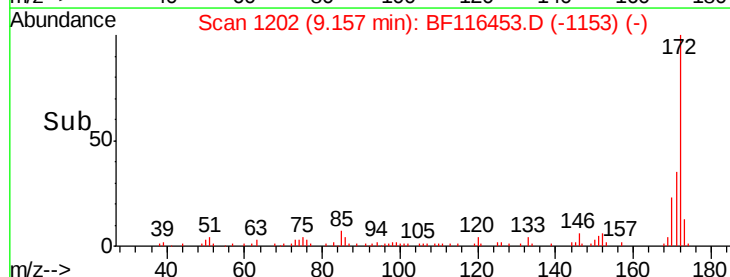
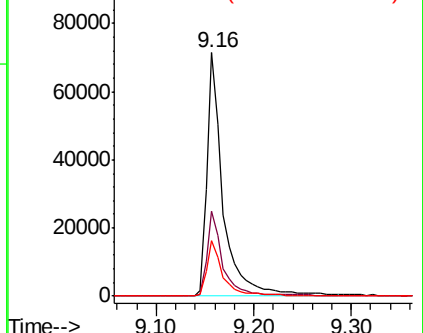
170 23.0 20.1 30.1

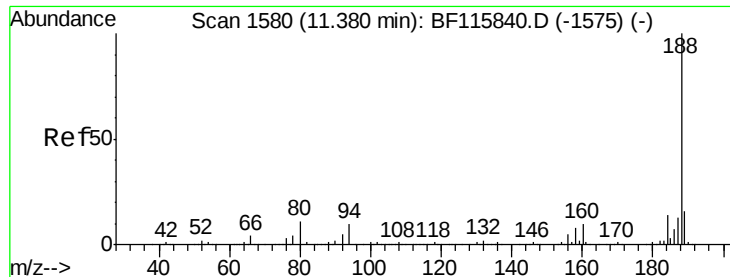


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116453.D

Acq: 21 Aug 2019 1:48

Instrument :

BNA_F

ClientSampleId :

SU-03-081919

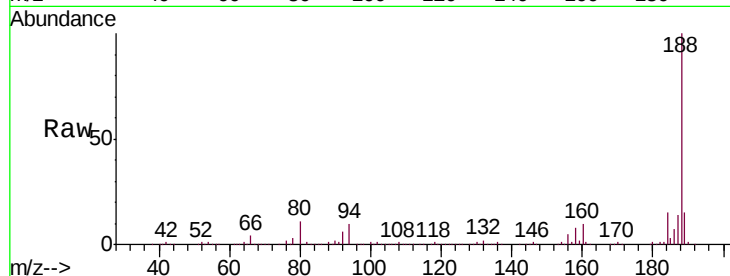
Tot Ion:188 Resp: 362289

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

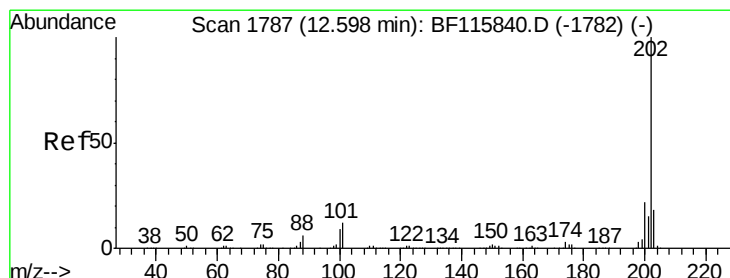
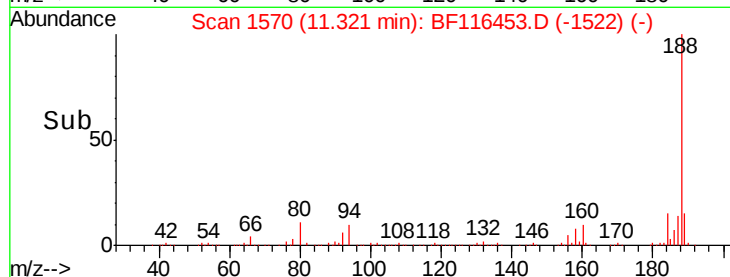
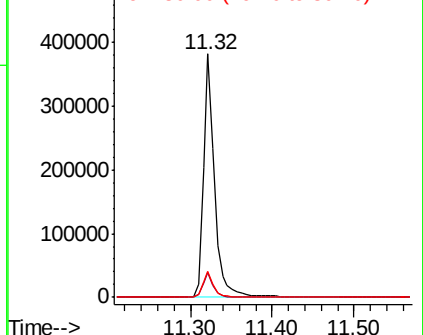
80 10.9 8.7 13.1



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



#75

Fluoranthene

Concen: 2.696 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF116453.D

Acq: 21 Aug 2019 1:48

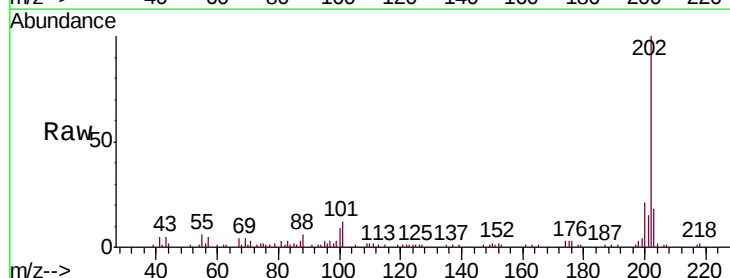
Tgt Ion:202 Resp: 52269

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.2

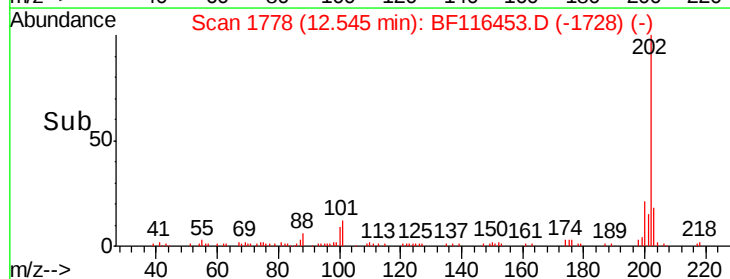
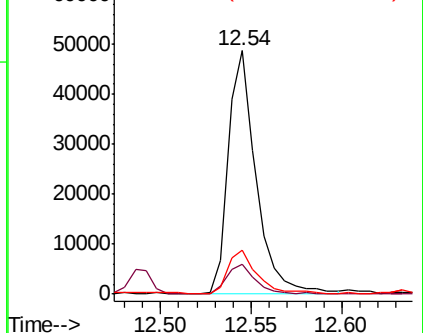
203 18.2 0.0 37.8

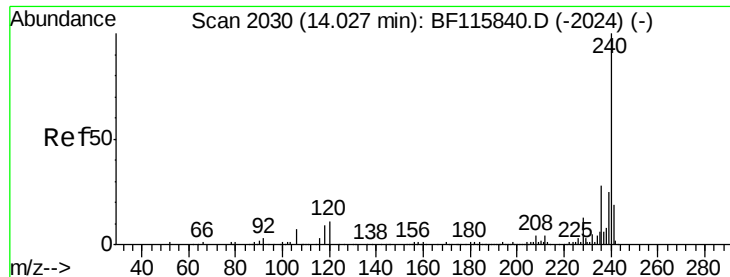


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

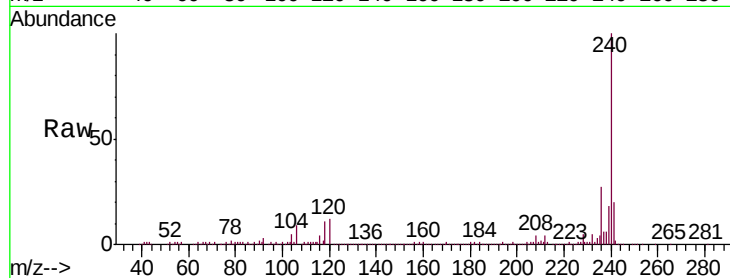




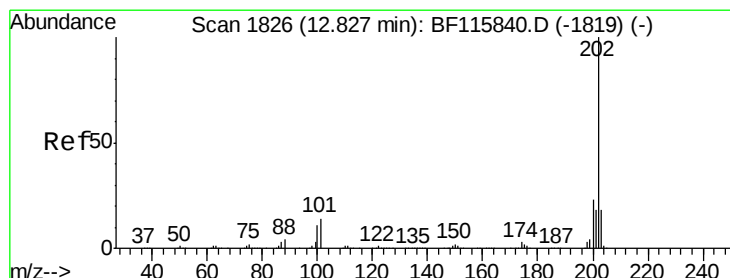
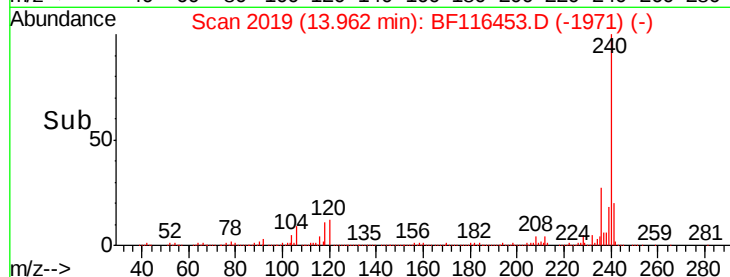
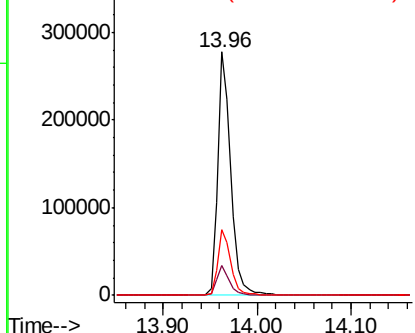
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116453.D
Acq: 21 Aug 2019 1:48

Instrument :
BNA_F
ClientSampleId :
SU-03-081919

Tot Ion:240 Resp: 271785
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.7 22.2 33.2

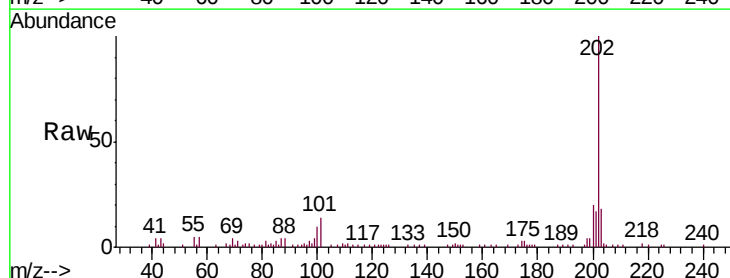


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

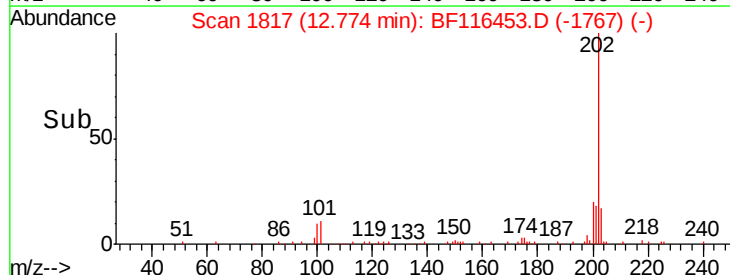
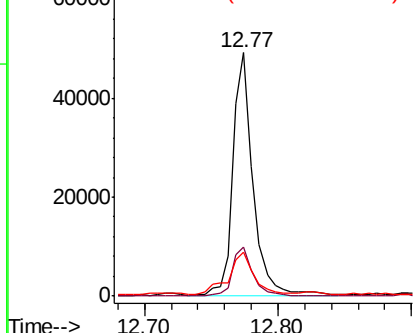


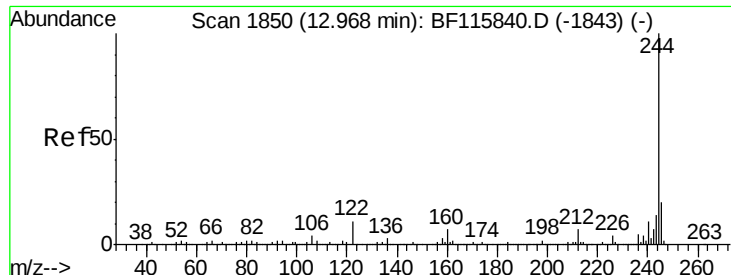
#78
Pyrene
Concen: 2.579 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF116453.D
Acq: 21 Aug 2019 1:48

Tgt Ion:202 Resp: 52836
Ion Ratio Lower Upper
202 100
200 19.9 18.0 27.0
203 17.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 8.644 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116453.D

Acq: 21 Aug 2019 1:48

Instrument :

BNA_F

ClientSampleId :

SU-03-081919

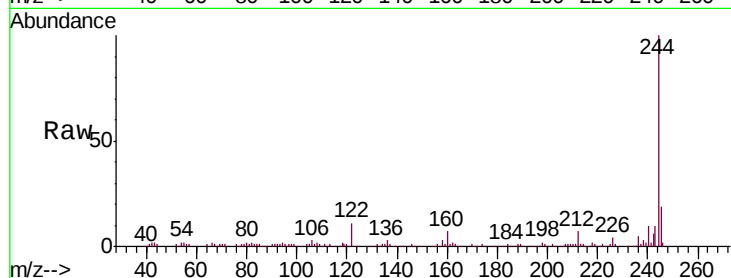
Tot Ion:244 Resp: 111487

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

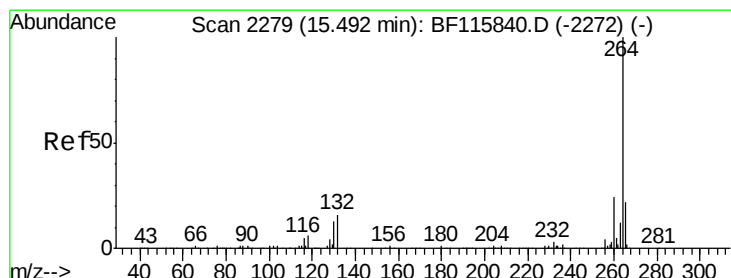
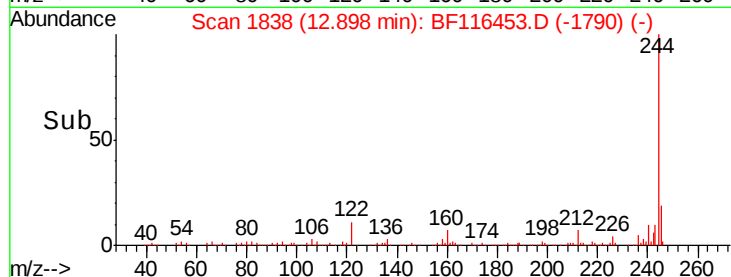
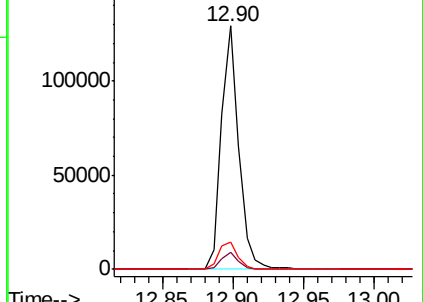
122 11.1 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116453.D

Acq: 21 Aug 2019 1:48

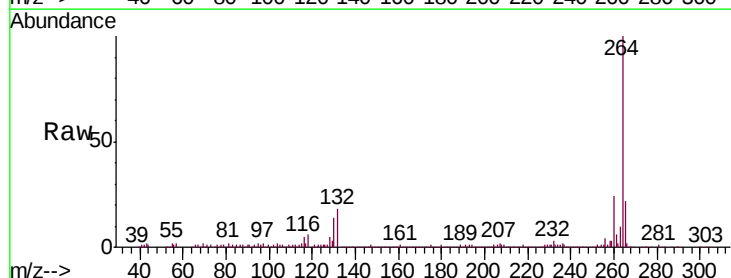
Tgt Ion:264 Resp: 270297

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.5 17.4 26.0



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

