

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115968.D
 Acq On : 3 Aug 2019 1:00
 Operator : HP/JU
 Sample : K4114-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PIT

Quant Time: Aug 03 04:21:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

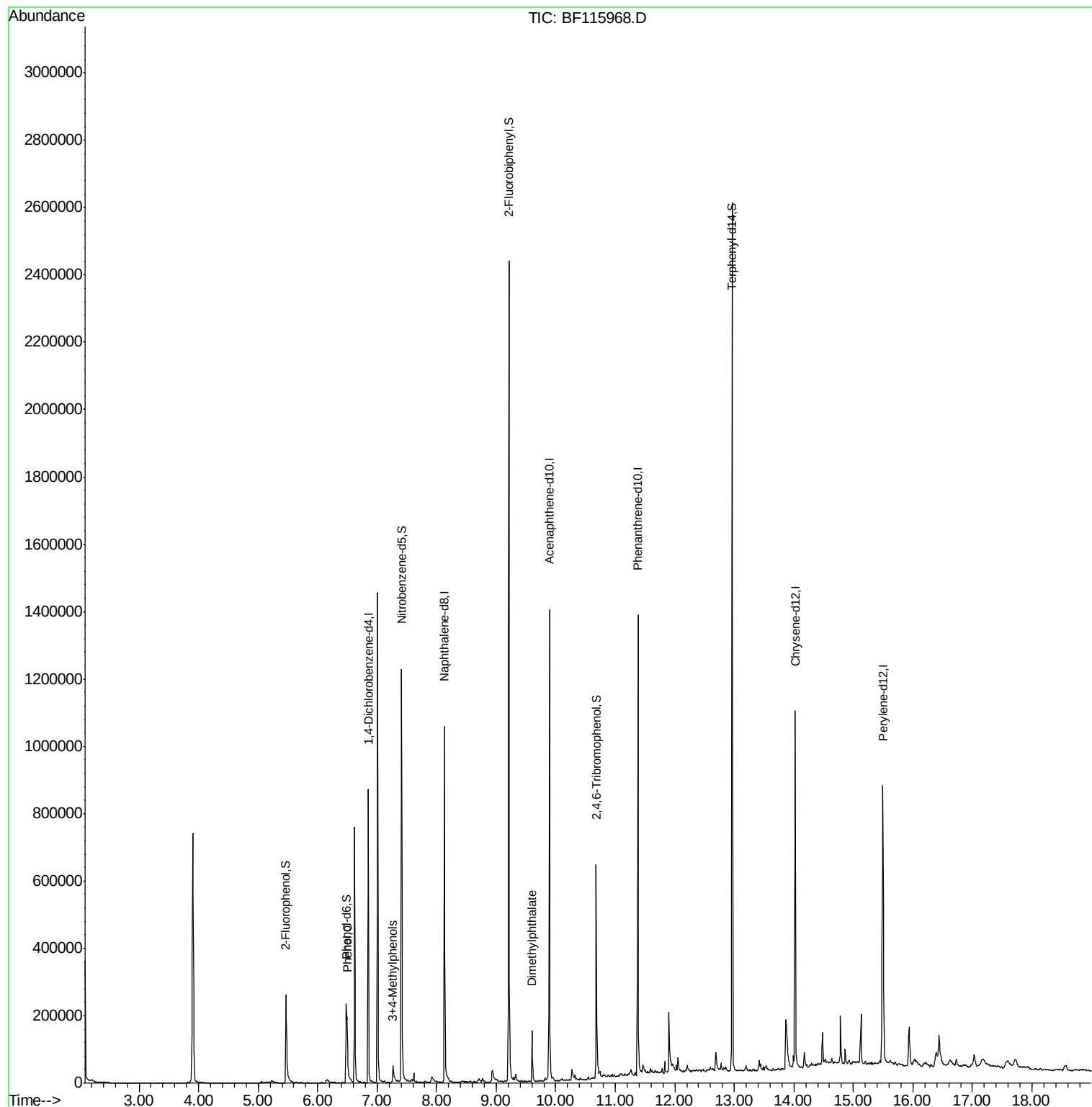
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123553	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	496642	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	268825	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	488615	20.00	ng	0.00
76) Chrysene-d12	14.02	240	337908	20.00	ng	0.00
87) Perylene-d12	15.49	264	385072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	102686	13.91	ng	0.00
7) Phenol-d6	6.48	99	89133	9.57	ng	0.00
23) Nitrobenzene-d5	7.41	82	398139	46.27	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	81022	31.09	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	732108	51.01	ng	0.00
79) Terphenyl-d14	12.96	244	850139	53.01	ng	0.00
Target Compounds						
10) Phenol	6.49	94	65144	5.941	ng	99
20) 3+4-Methylphenols	7.26	107	30160	3.688	ng	# 66
50) Dimethylphthalate	9.60	163	61245	3.346	ng	100

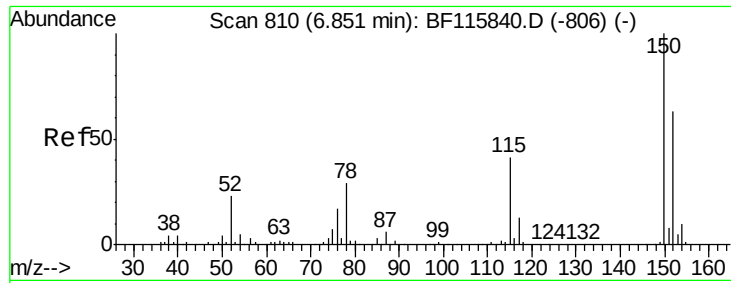
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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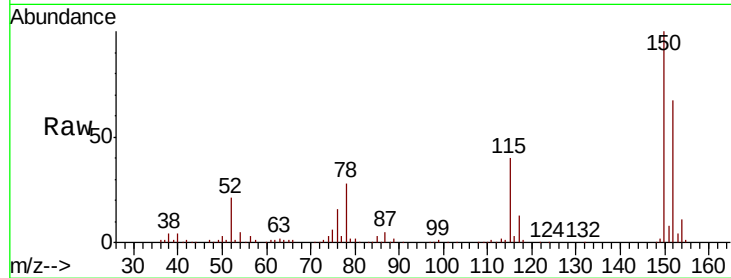


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PIT

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	127.4	191.0
115	59.6	51.8	77.8

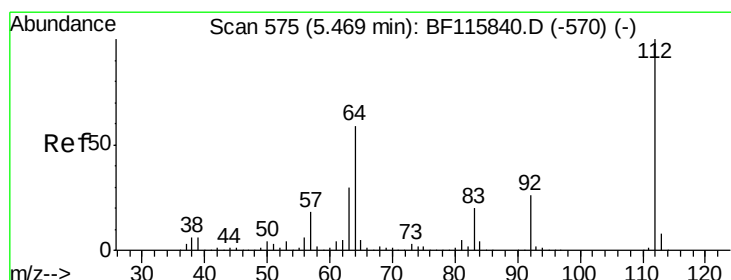
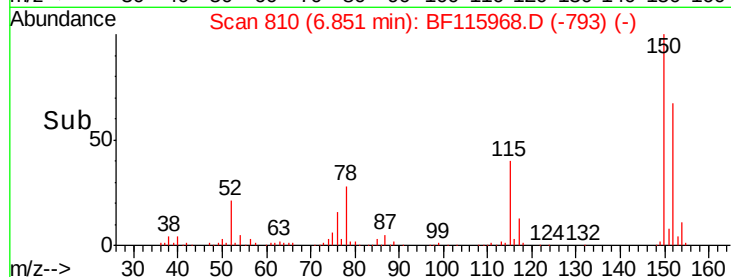
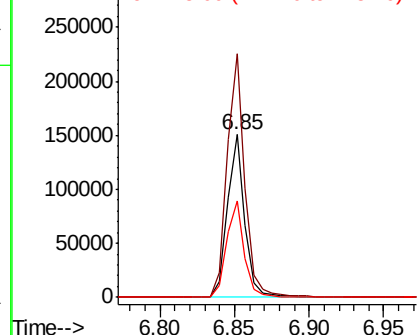


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

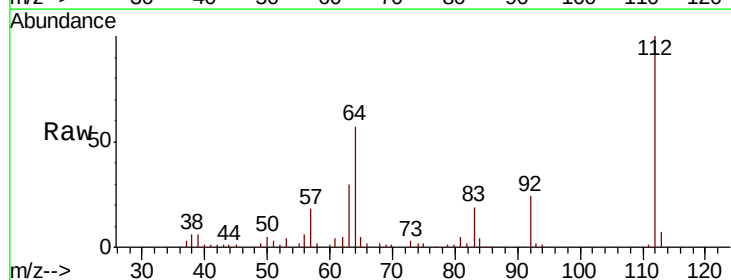
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 13.913 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.8	70.2
63	30.3	24.2	36.2

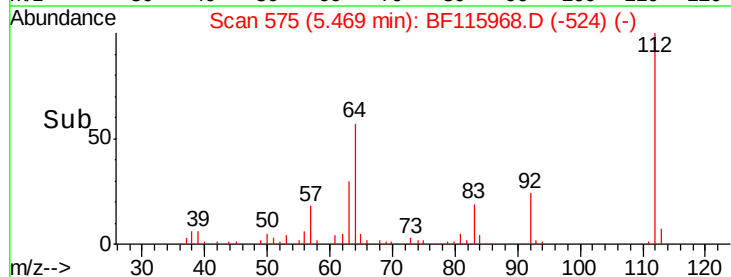
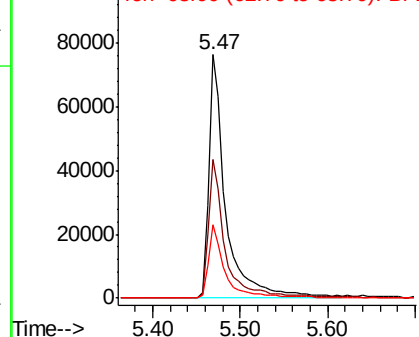


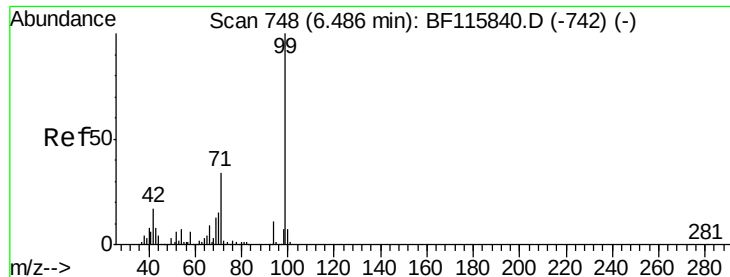
Abundance

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: 9.572 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PIT

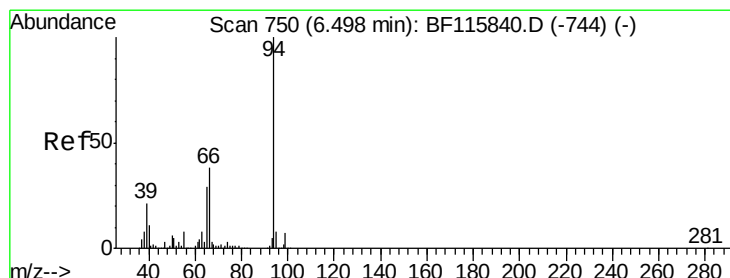
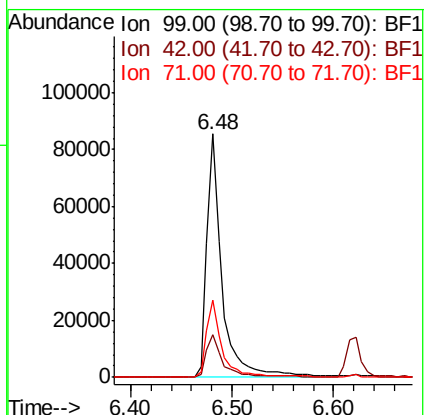
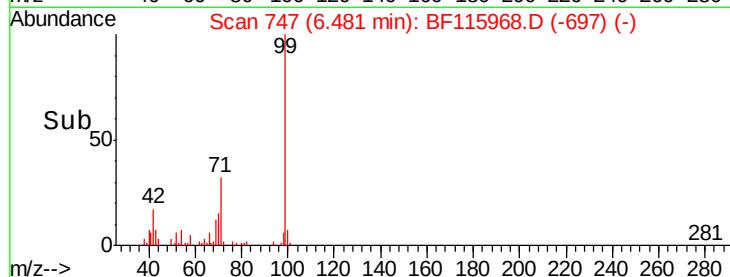
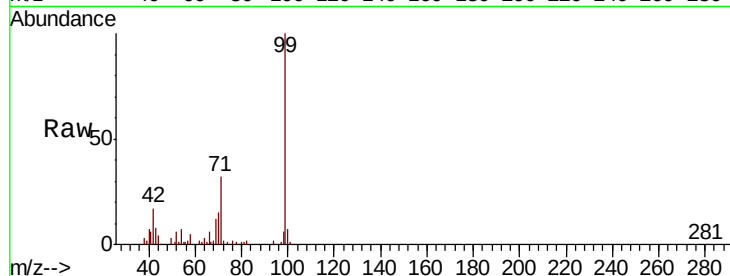
Tot Ion: 99 Resp: 89133

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

71 31.7 27.1 40.7



#10

Phenol

Concen: 5.941 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

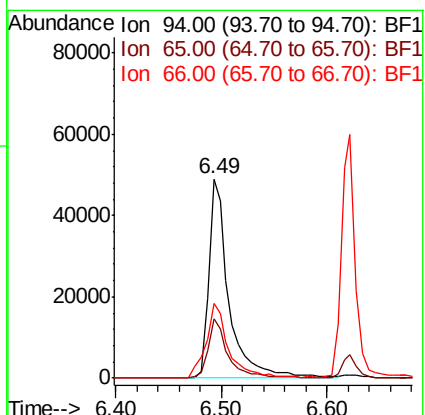
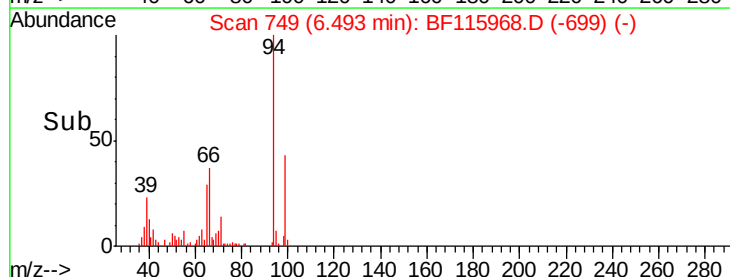
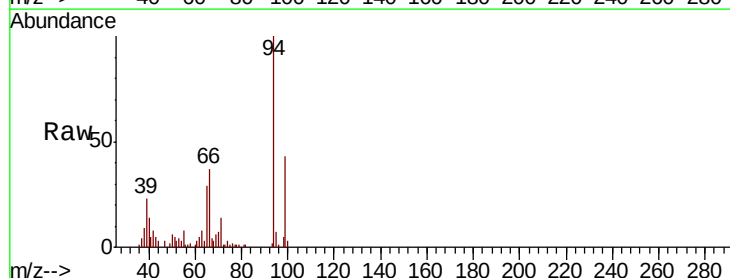
Tgt Ion: 94 Resp: 65144

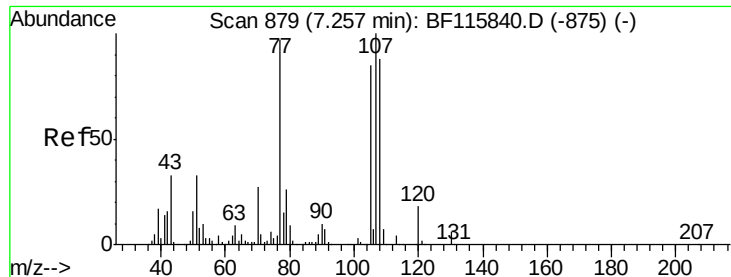
Ion Ratio Lower Upper

94 100

65 29.4 8.9 48.9

66 37.2 18.0 58.0





#20

3+4-Methylphenols

Concen: 3.688 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PIT

Tot Ion:107 Resp: 30160

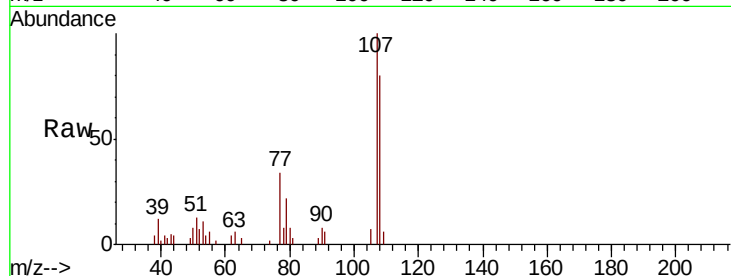
Ion Ratio Lower Upper

107 100

108 80.4 67.9 107.9

77 33.8 77.3 117.3#

79 21.8 6.6 46.6

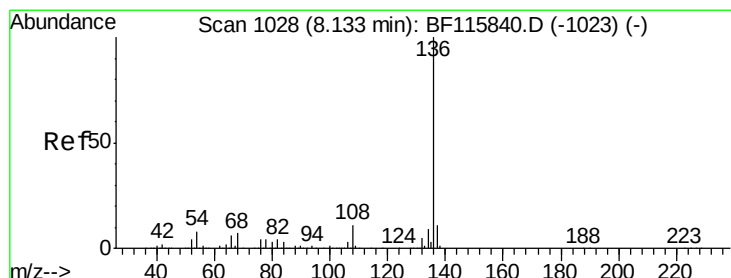
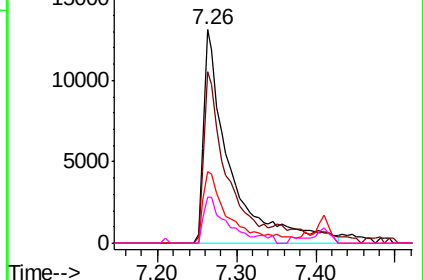
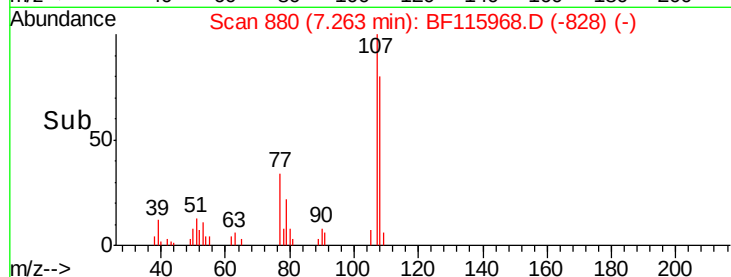


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

Tgt Ion:136 Resp: 496642

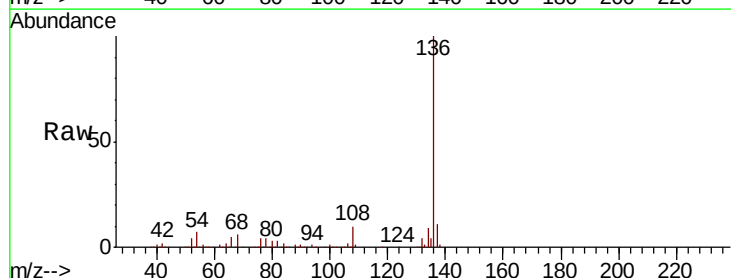
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.6 6.1 9.1

68 5.8 5.4 8.2

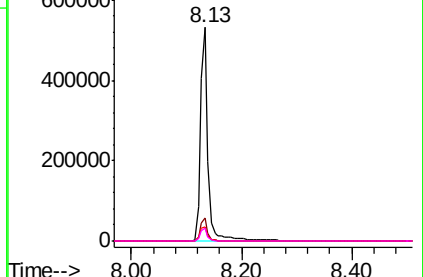
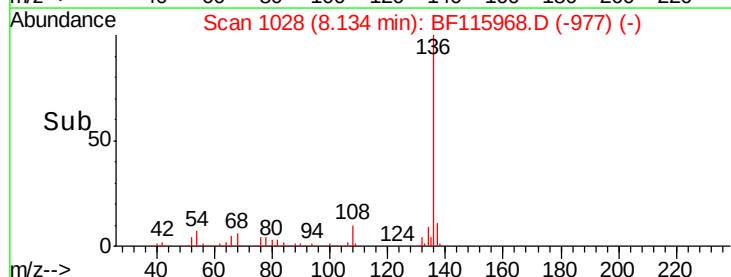


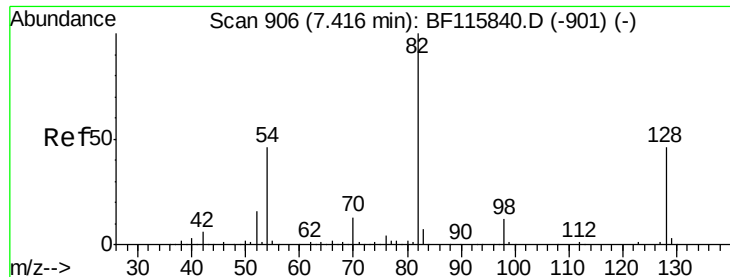
Abundance Ion 136.00 (135.70 to 136.70): E

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

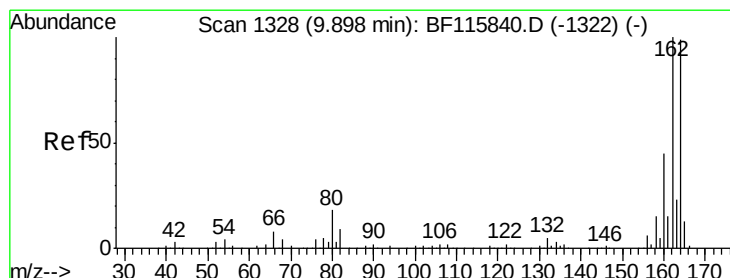
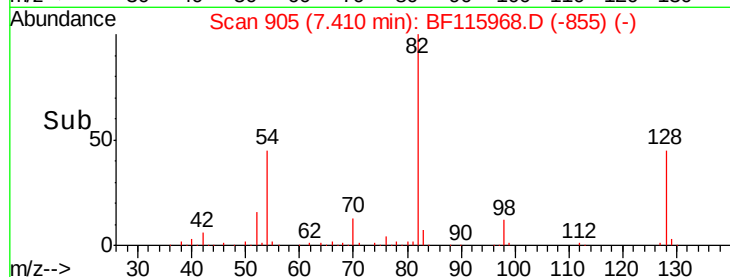
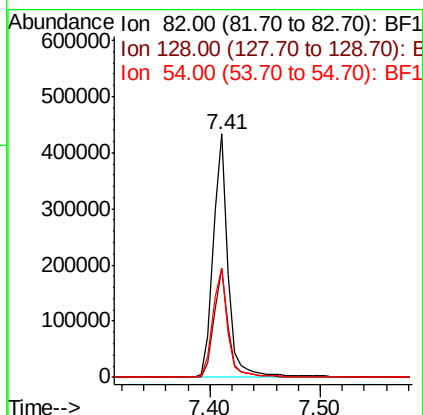
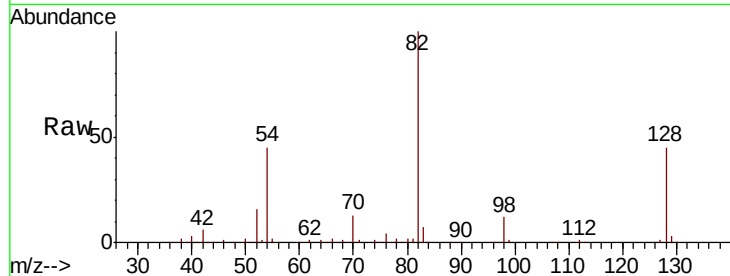




#23
 Nitrobenzene-d5
 Concen: 46.274 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115968.D
 Acq: 3 Aug 2019 1:00

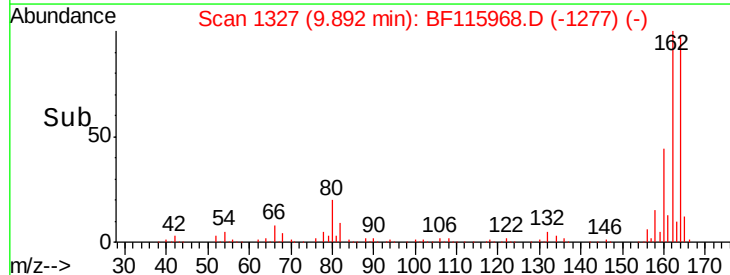
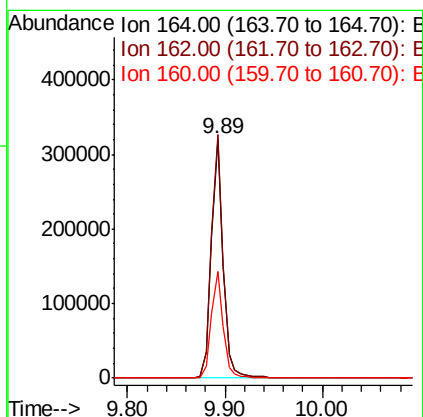
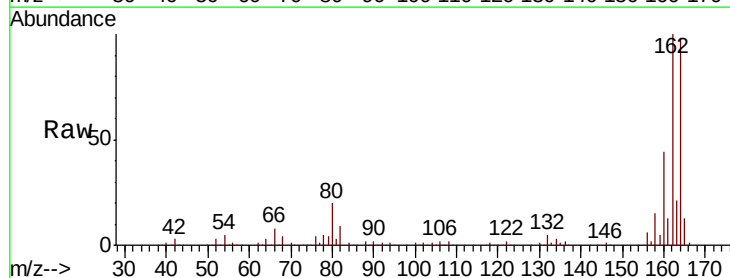
Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PIT

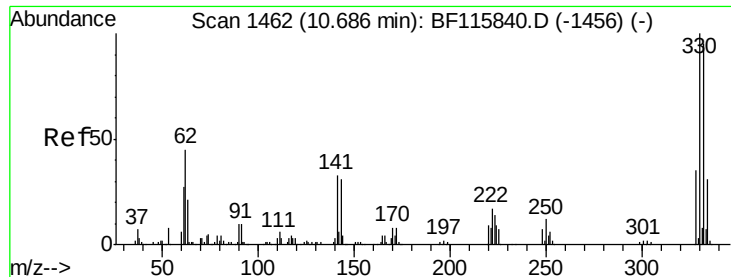
Tot Ion: 82 Resp: 398139
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.6 55.0
 54 44.7 36.6 55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115968.D
 Acq: 3 Aug 2019 1:00

Tgt Ion: 164 Resp: 268825
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.8 121.2
 160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 31.087 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PIT

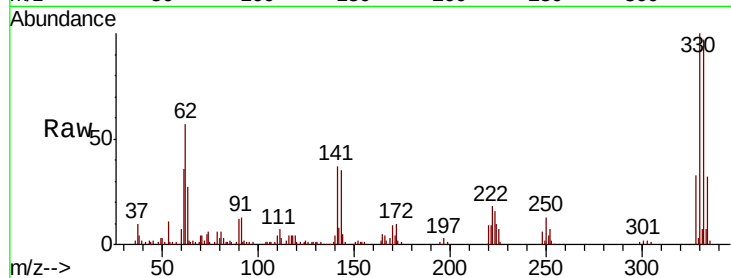
Tot Ion:330 Resp: 81022

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

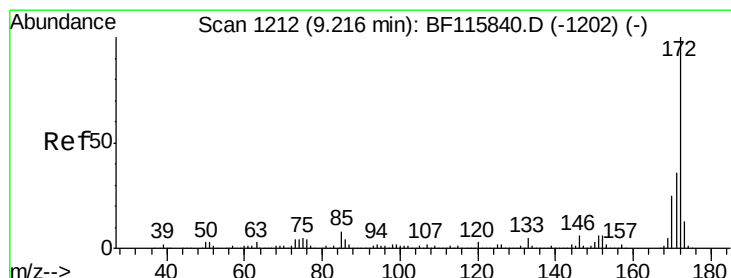
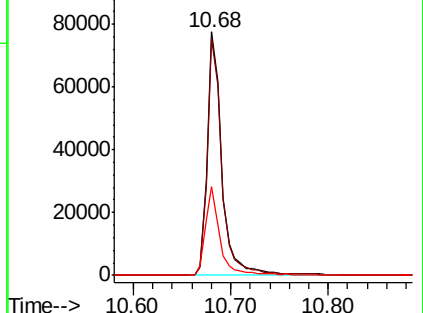
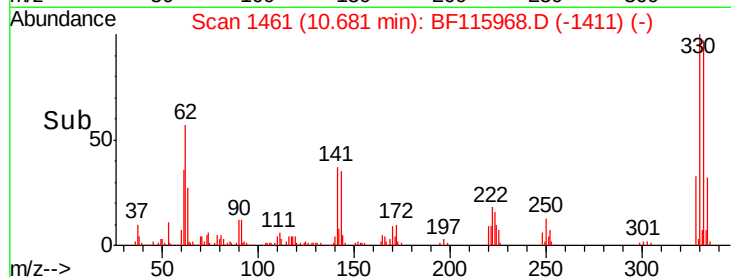
141 35.5 28.1 42.1



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: 51.011 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

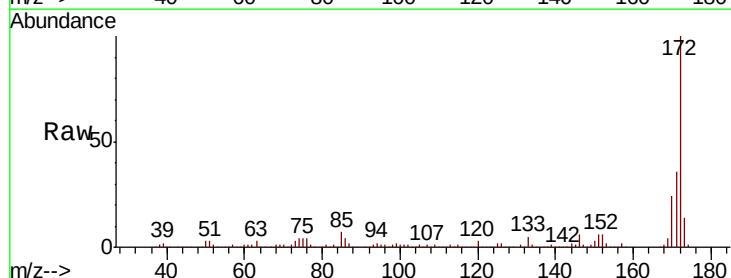
Tgt Ion:172 Resp: 732108

Ion Ratio Lower Upper

172 100

171 35.6 29.1 43.7

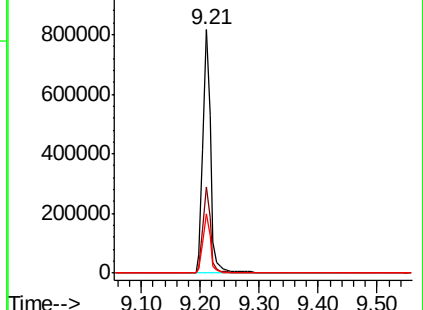
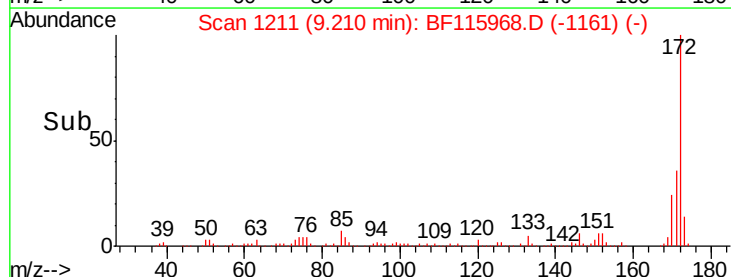
170 24.5 20.1 30.1

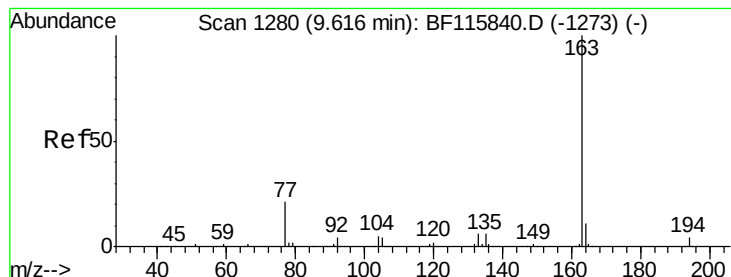


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.346 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PIT

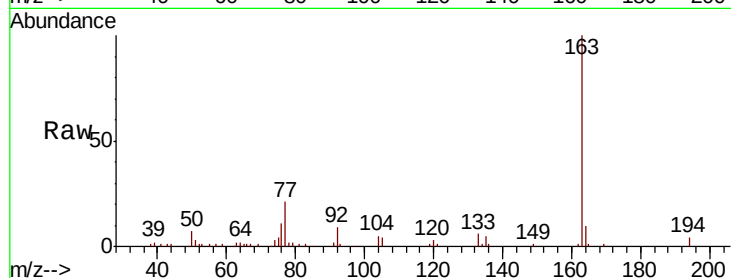
Tot Ion:163 Resp: 61245

Ion Ratio Lower Upper

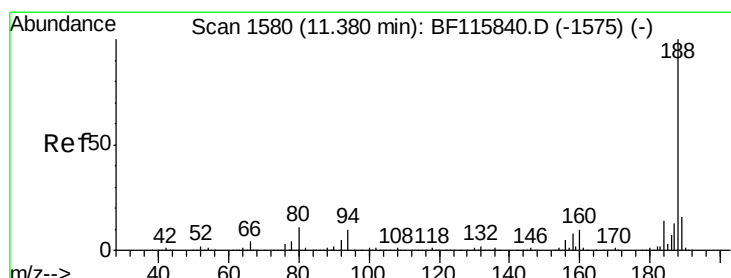
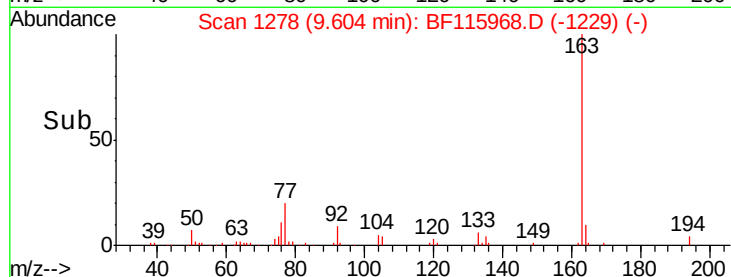
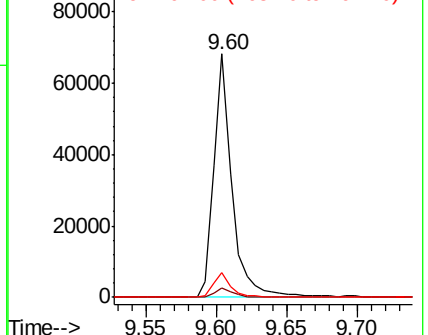
163 100

194 3.6 3.0 4.6

164 10.3 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: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

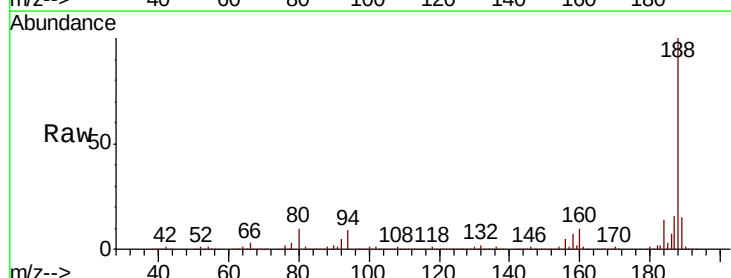
Tgt Ion:188 Resp: 488615

Ion Ratio Lower Upper

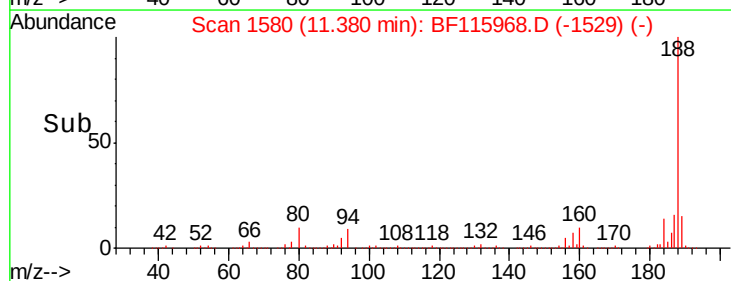
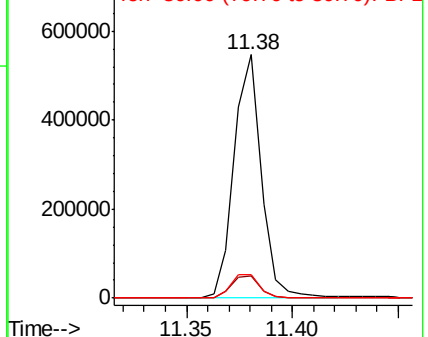
188 100

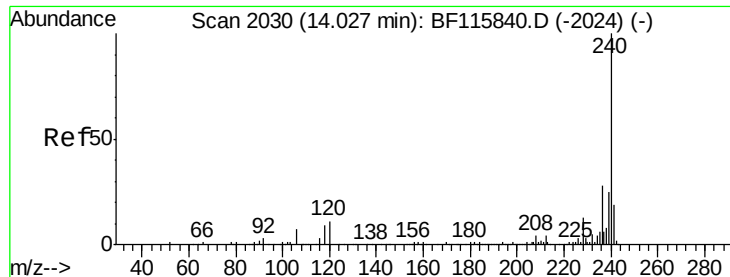
94 9.0 8.0 12.0

80 9.6 8.6 12.8



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PIT

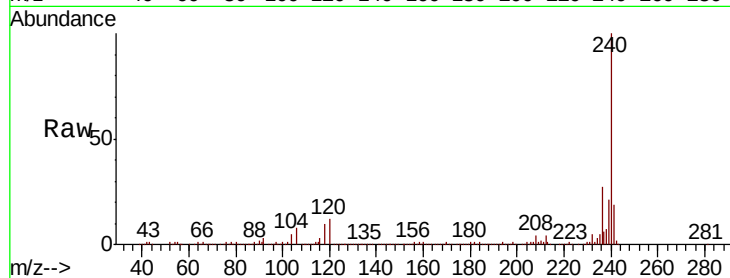
Tot Ion:240 Resp: 337908

Ion Ratio Lower Upper

240 100

120 11.8 8.5 12.7

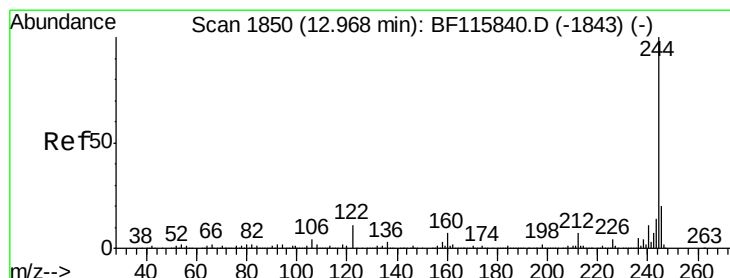
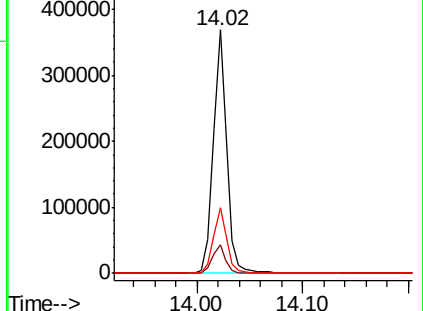
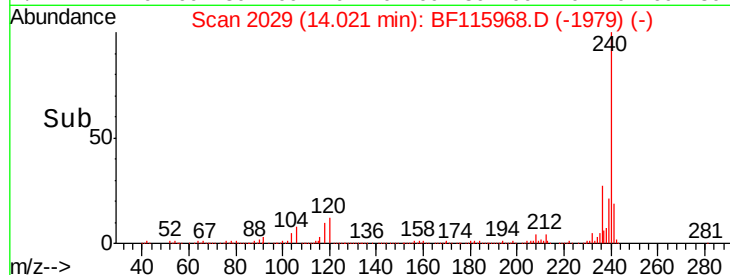
236 27.2 22.2 33.2



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



#79

Terphenyl-d14

Concen: 53.014 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

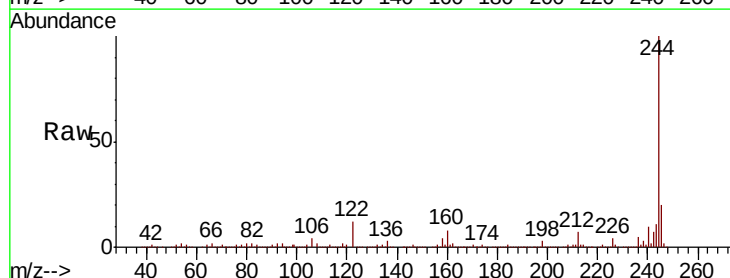
Tgt Ion:244 Resp: 850139

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

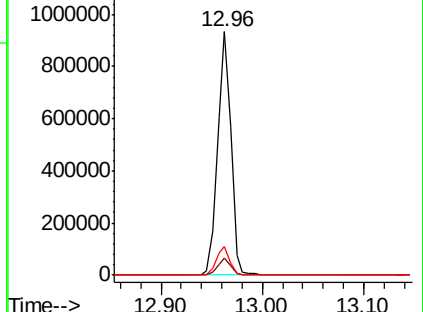
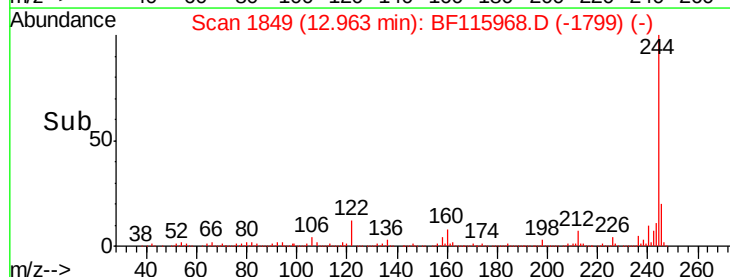
122 11.6 8.6 13.0

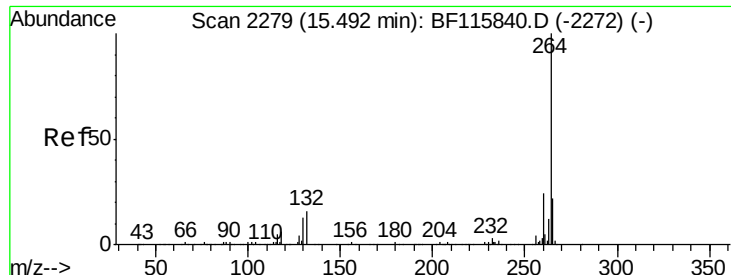


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PIT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.0	17.5	26.3

