

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116449.D
 Acq On : 21 Aug 2019 00:00
 Operator : HP/JU
 Sample : K4403-32
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-I-(0-2.5)

Quant Time: Aug 21 02:26:52 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

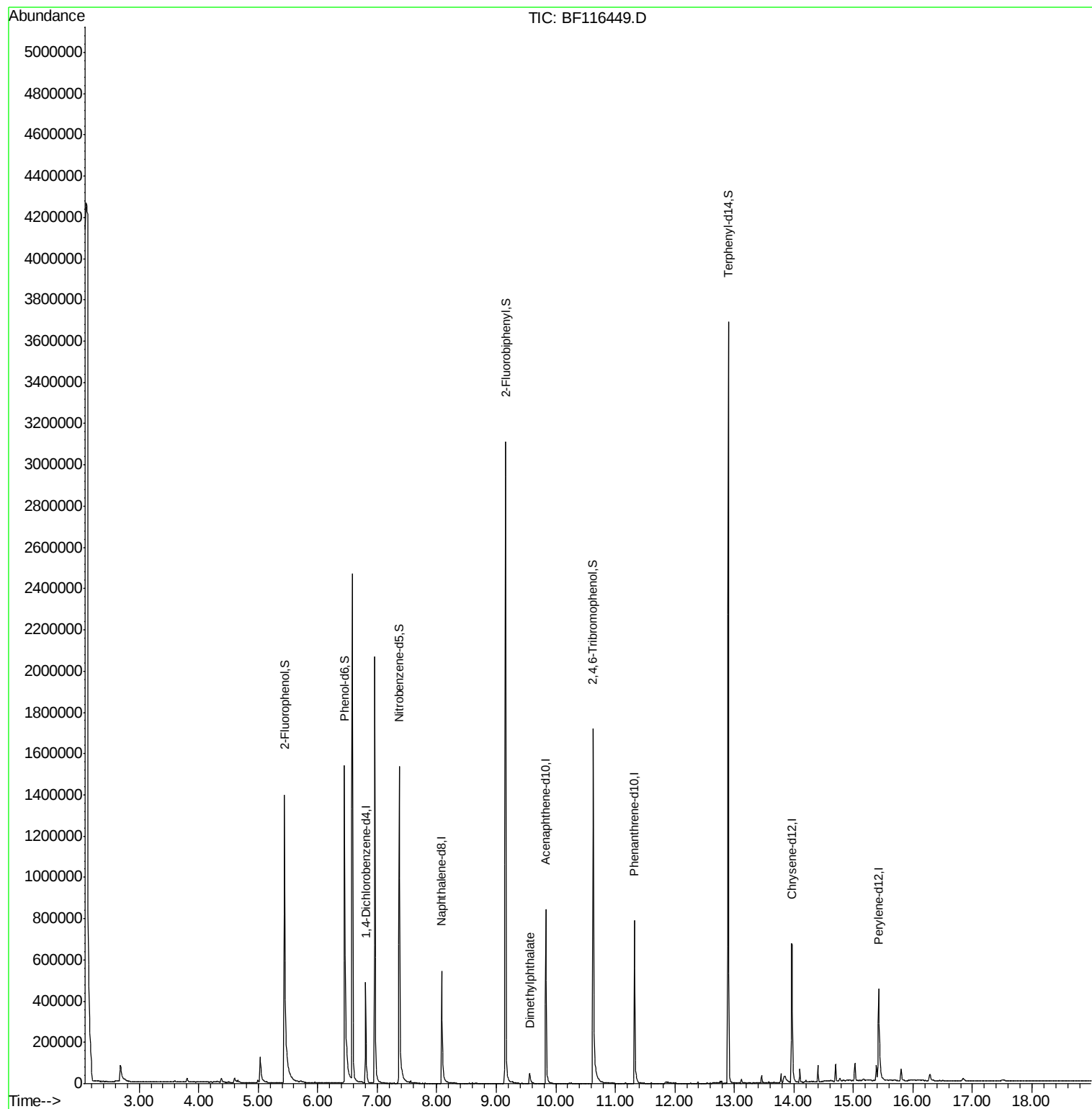
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	83991	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	321185	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	172376	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	328731	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	289488	20.00	ng	-0.01
87) Perylene-d12	15.42	264	288753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	653489	130.25	ng	0.00
7) Phenol-d6	6.45	99	784918	124.00	ng	-0.01
23) Nitrobenzene-d5	7.37	82	588245	105.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	271543	162.48	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1053357	114.46	ng	-0.01
79) Terphenyl-d14	12.90	244	1373783	100.00	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	34909	2.974	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: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

T1-I-(0-2.5)

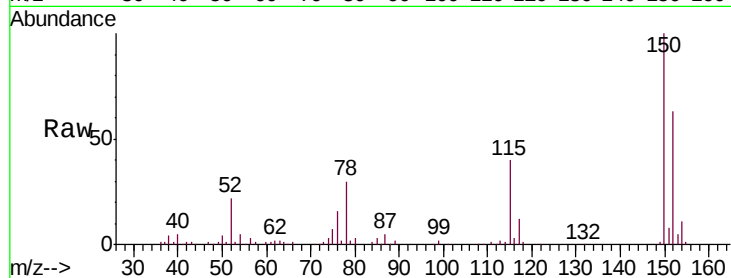
Tot Ion:152 Resp: 83991

Ion Ratio Lower Upper

152 100

150 159.3 126.2 189.2

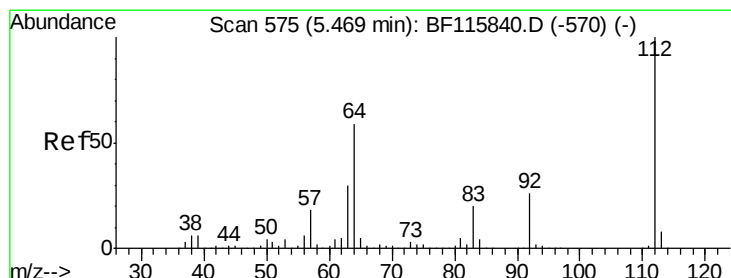
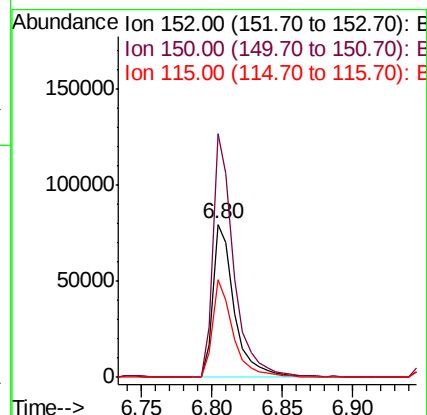
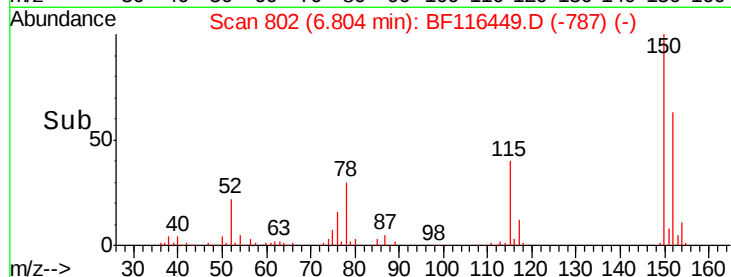
115 63.7 49.9 74.9



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: 130.250 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

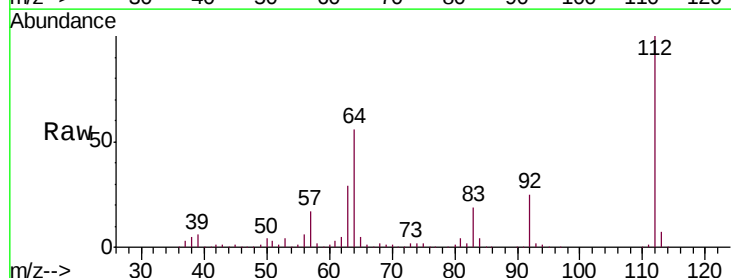
Tgt Ion:112 Resp: 653489

Ion Ratio Lower Upper

112 100

64 56.2 45.4 68.2

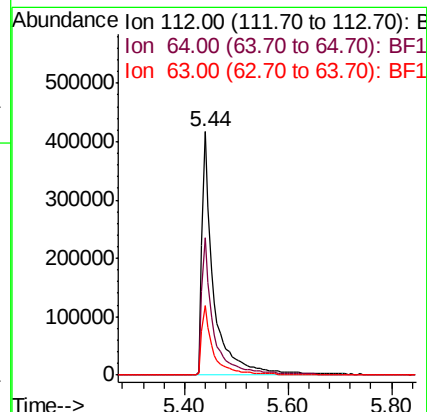
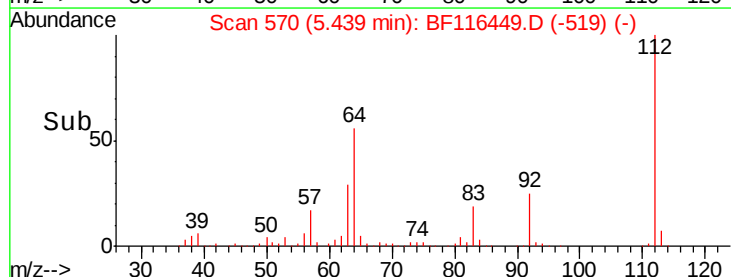
63 28.8 23.7 35.5



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: 123.998 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

T1-I-(0-2.5)

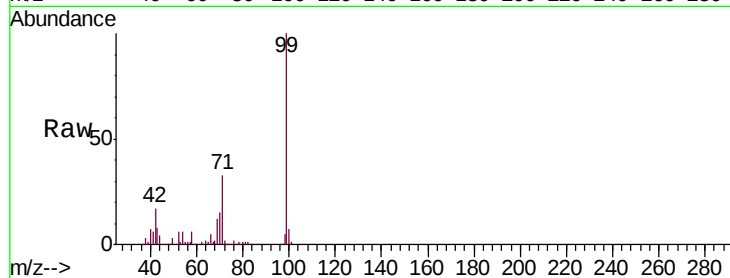
Tot Ion: 99 Resp: 784918

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

71 33.1 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

800000

600000

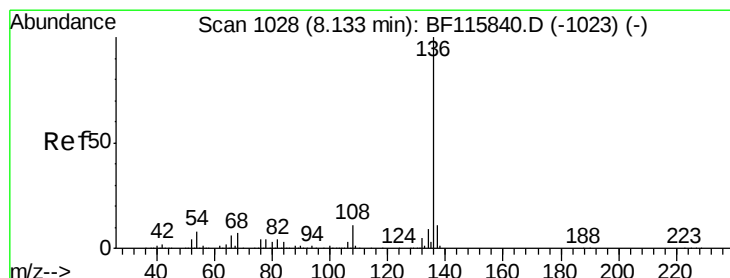
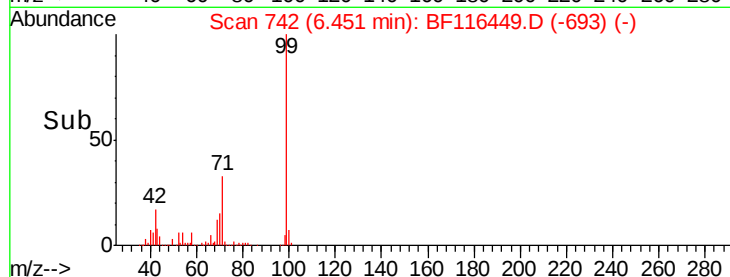
400000

200000

0

6.40 6.45 6.50 6.55 6.60 6.65 6.70 6.75 6.80

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Tgt Ion: 136 Resp: 321185

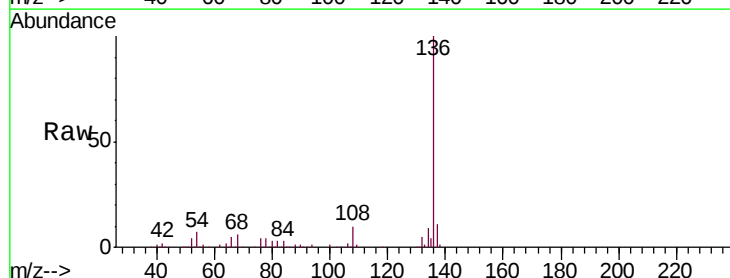
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.8 5.8 8.6

68 6.0 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

400000

300000

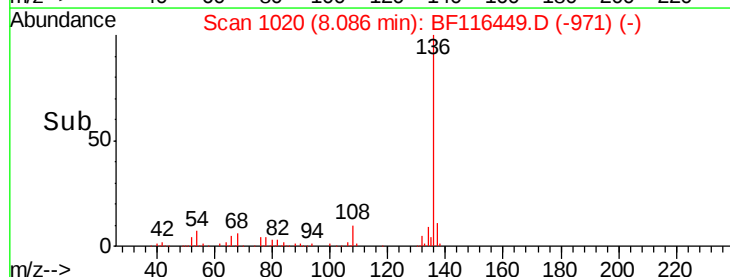
200000

100000

0

8.00 8.05 8.10 8.15 8.20 8.25 8.30

Time-->

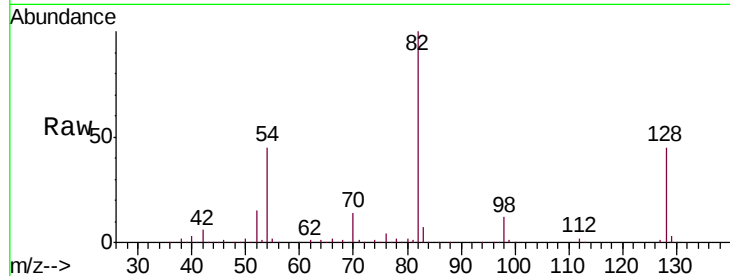




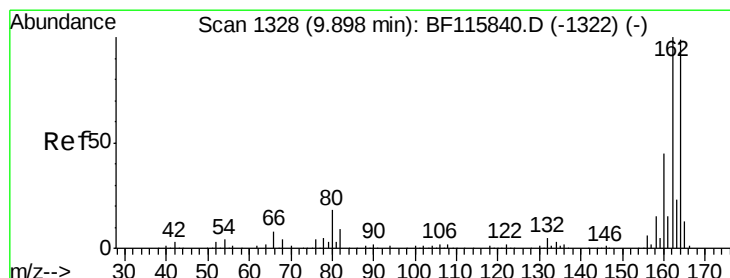
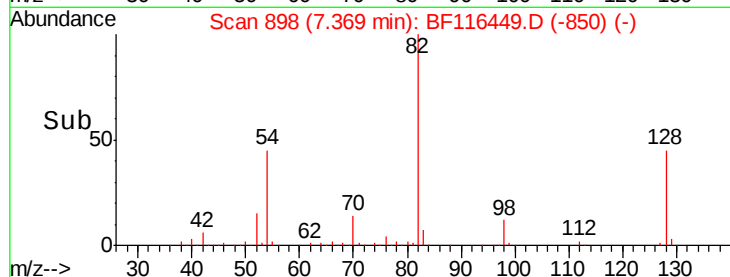
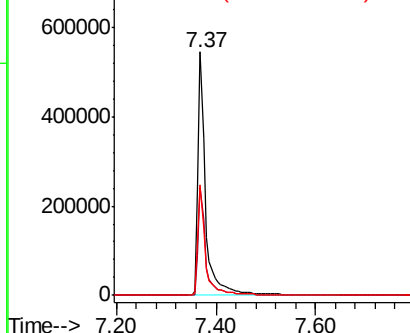
#23
 Nitrobenzene-d5
 Concen: 105.719 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116449.D
 Acq: 21 Aug 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 T1-I-(0-2.5)

Tot Ion: 82 Resp: 588245
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.5 54.7
 54 45.4 36.0 54.0

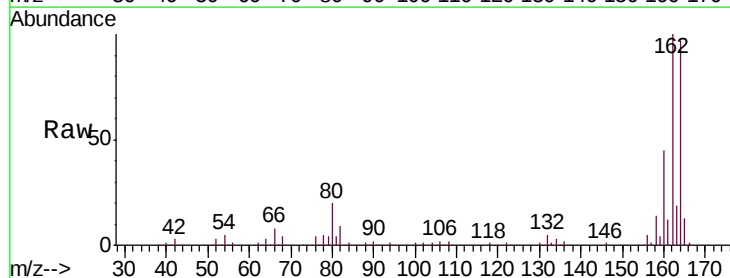


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

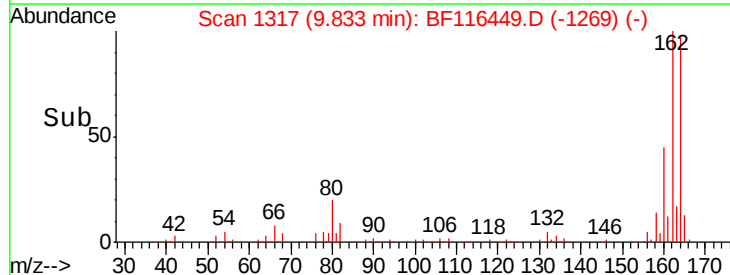
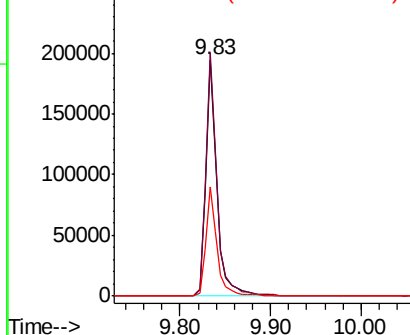


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116449.D
 Acq: 21 Aug 2019 00:00

Tgt Ion:164 Resp: 172376
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 124.0
 160 46.5 37.6 56.4



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: 162.481 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

T1-I-(0-2.5)

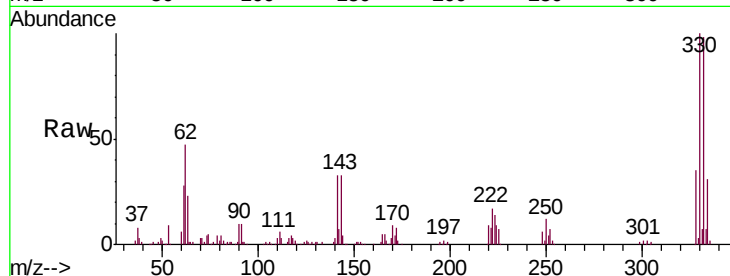
Tot Ion:330 Resp: 271543

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

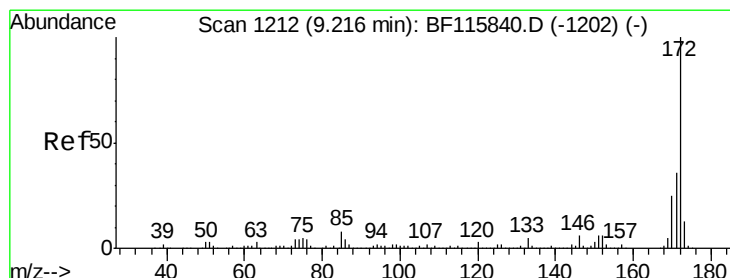
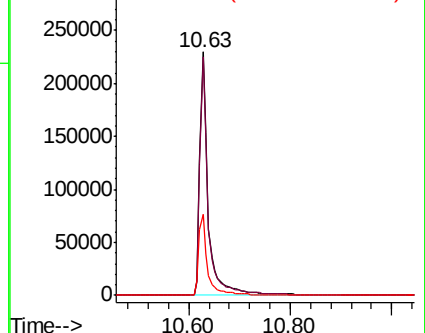
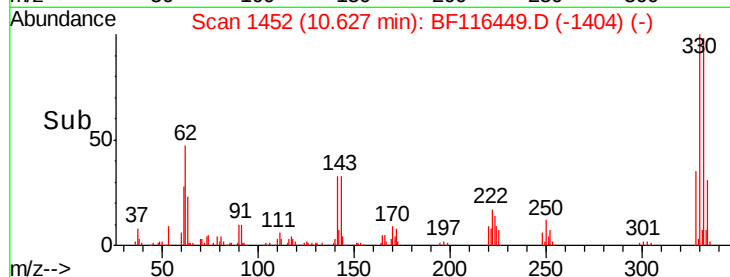
141 34.4 26.3 39.5



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: 114.460 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

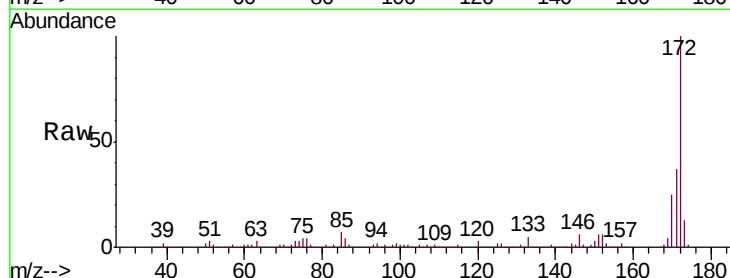
Tgt Ion:172 Resp: 1053357

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

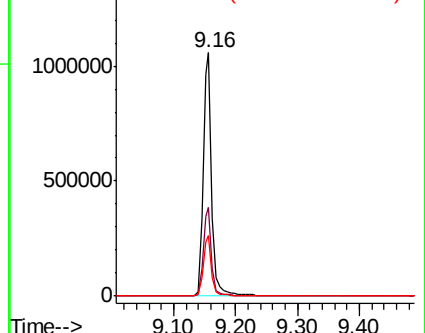
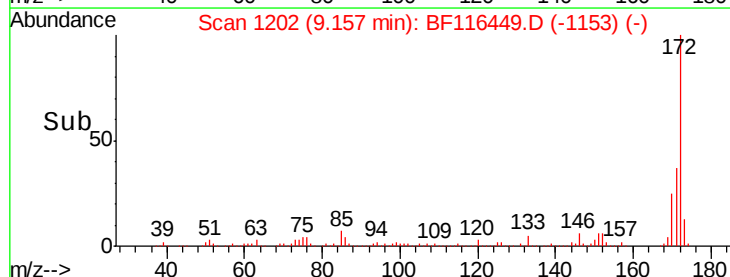
170 25.1 20.1 30.1

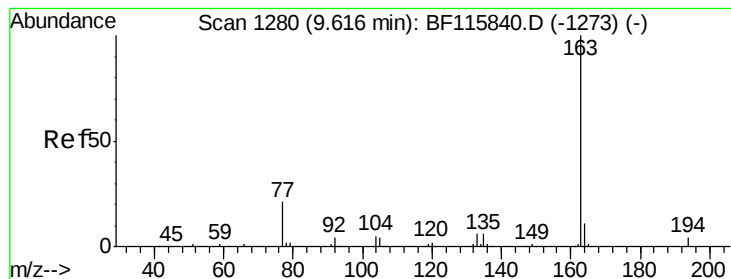


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.974 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

T1-I-(0-2.5)

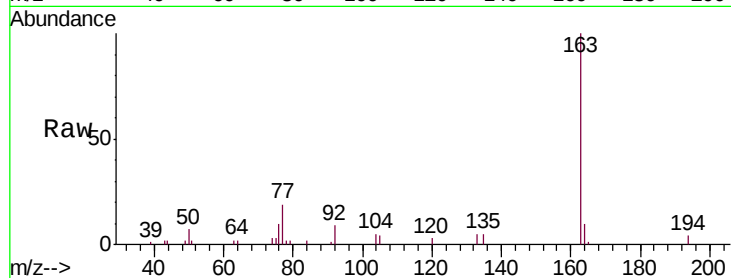
Tot Ion:163 Resp: 34909

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

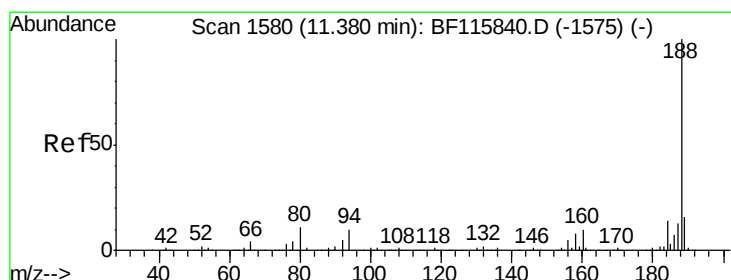
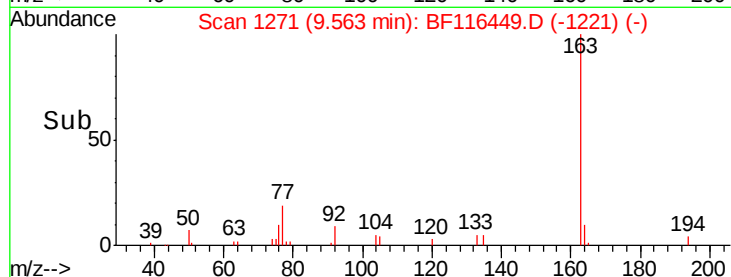
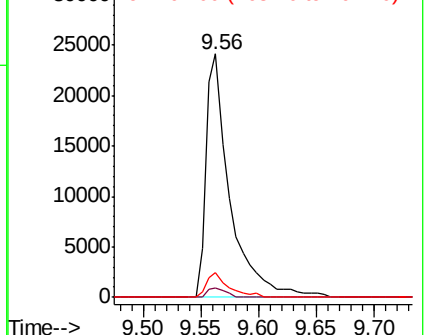
164 10.1 8.4 12.6



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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

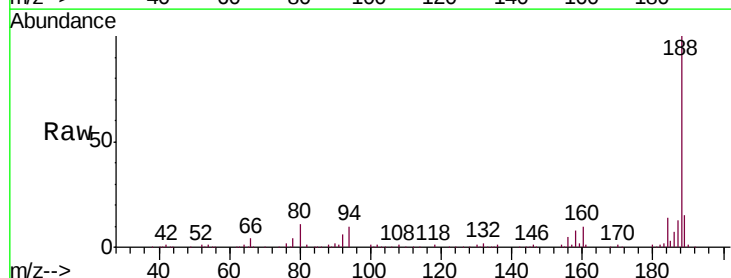
Tgt Ion:188 Resp: 328731

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

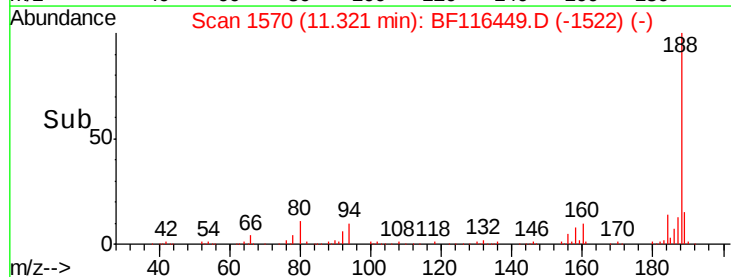
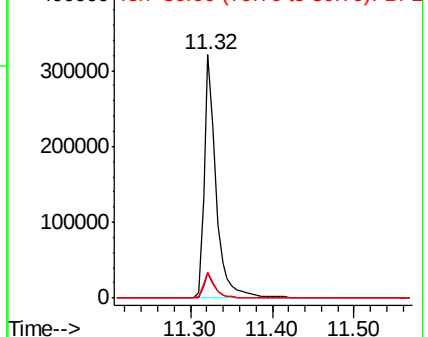
80 10.7 8.7 13.1

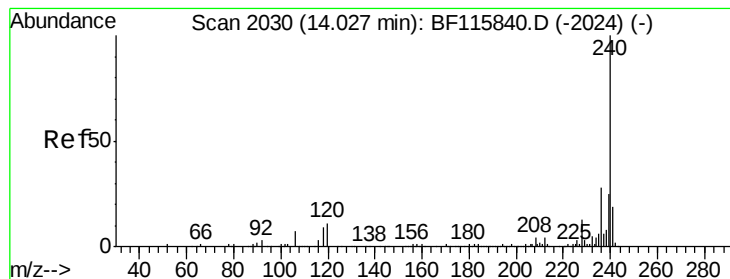


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

Instrument :

BNA_F

ClientSampleId :

T1-I-(0-2.5)

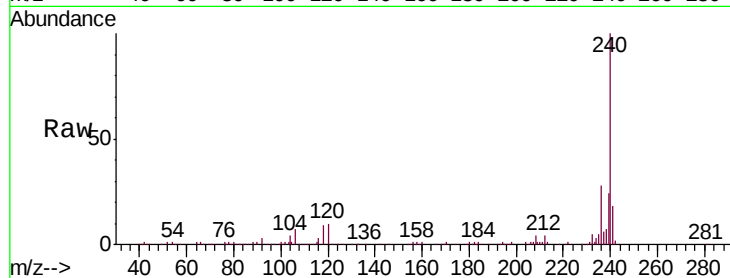
Tot Ion:240 Resp: 289488

Ion Ratio Lower Upper

240 100

120 10.4 10.7 16.1#

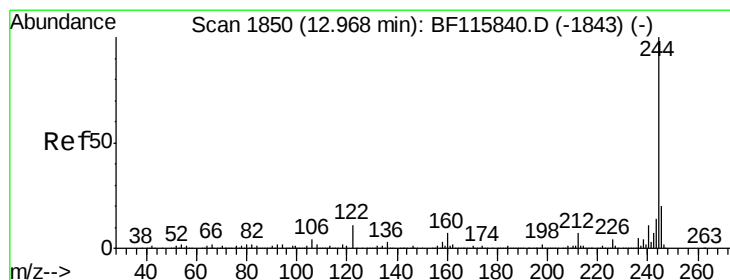
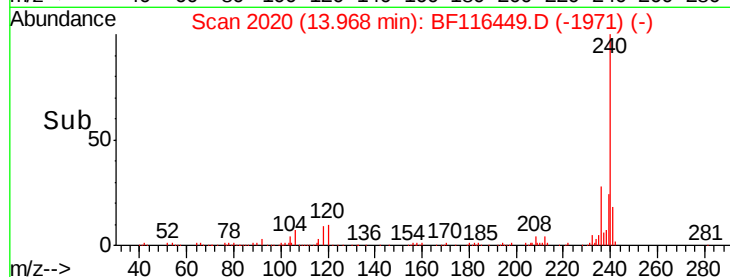
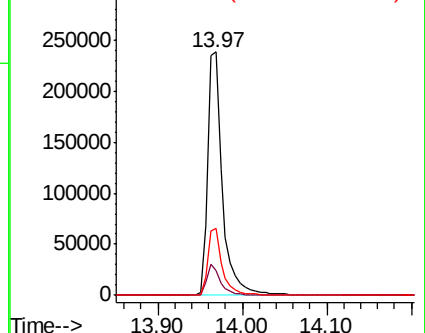
236 27.5 22.2 33.2



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: 99.997 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116449.D

Acq: 21 Aug 2019 00:00

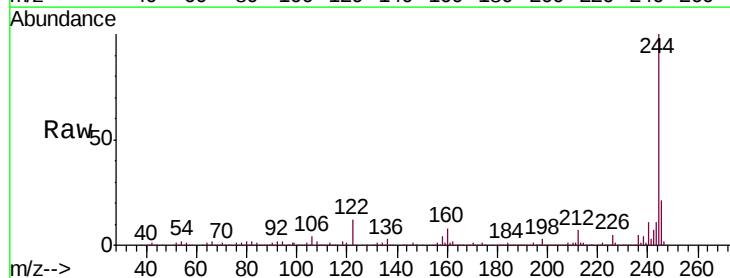
Tgt Ion:244 Resp: 1373783

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

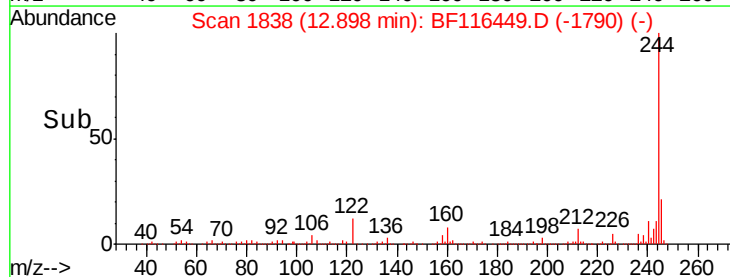
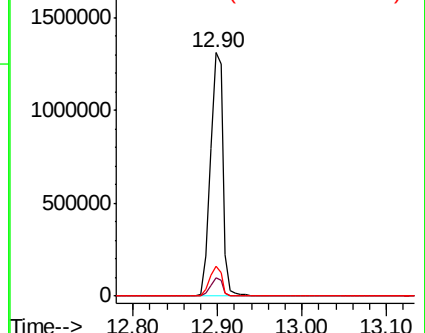
122 12.5 9.0 13.4

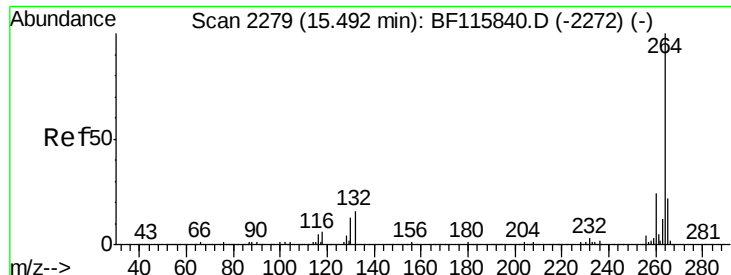


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116449.D
 Acq: 21 Aug 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 T1-I-(0-2.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.3	17.4	26.0

