

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115162.D
 Acq On : 24 Jun 2019 22:08
 Operator : HP/JU
 Sample : K3482-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jun 25 14:49:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

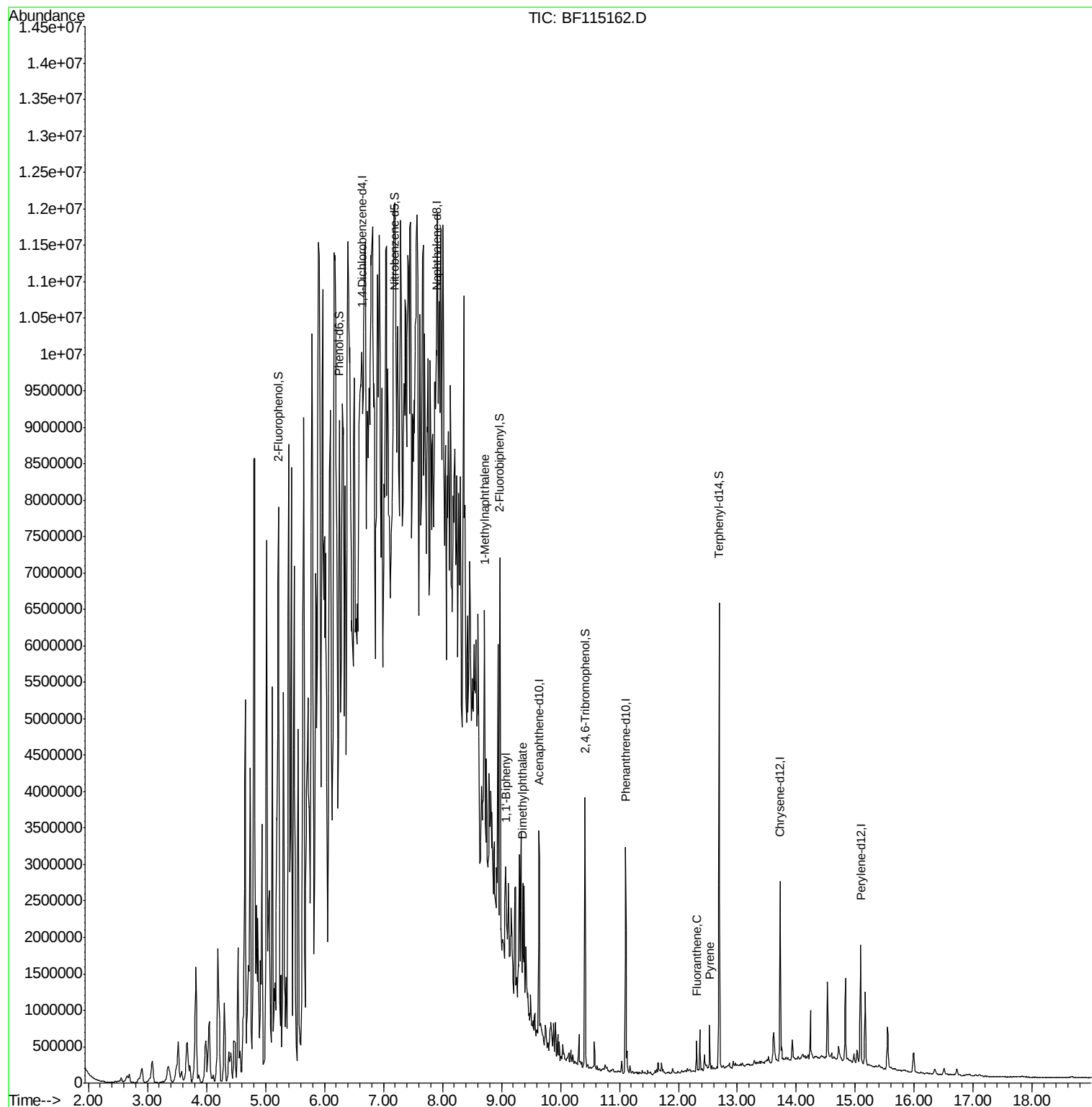
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	221730	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	602245	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	518056	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1055710	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	792751	20.00	ng	-0.02
87) Perylene-d12	15.09	264	671910	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1360240	94.67	ng	0.00
7) Phenol-d6	6.25	99	1650136	94.62	ng	0.00
23) Nitrobenzene-d5	7.18	82	527269	53.86	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	453348	82.98	ng	-0.01
45) 2-Fluorobiphenyl	8.98	172	1884679	61.80	ng	0.00
79) Terphenyl-d14	12.69	244	2258445	60.57	ng	-0.01
Target Compounds						
38) 1-Methylnaphthalene	8.71	142	788310	41.409	ng	Qvalue # 100
46) 1,1'-Biphenyl	9.07	154	119050	2.872	ng	98
50) Dimethylphthalate	9.37	163	618535	16.228	ng	98
75) Fluoranthene	12.31	202	153006	2.698	ng	98
78) Pyrene	12.53	202	227809	3.739	ng	99

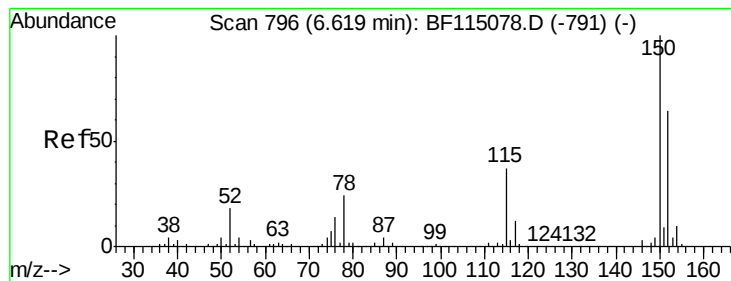
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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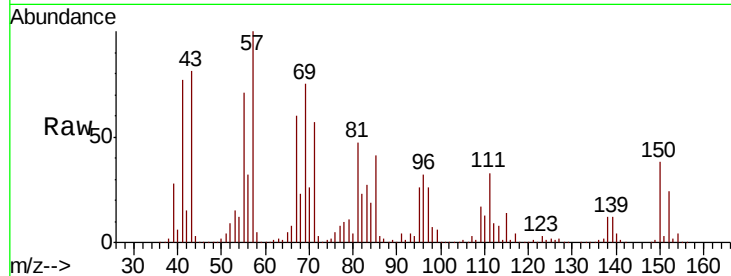


#1

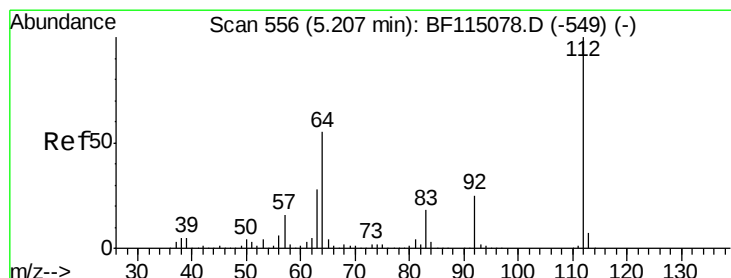
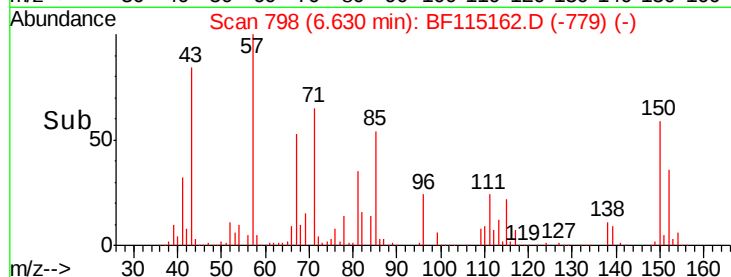
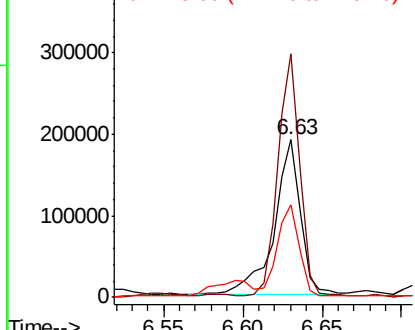
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:152 Resp: 221730
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 58.7 46.1 69.1



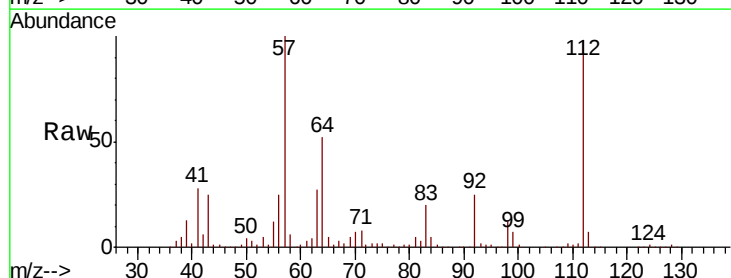
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



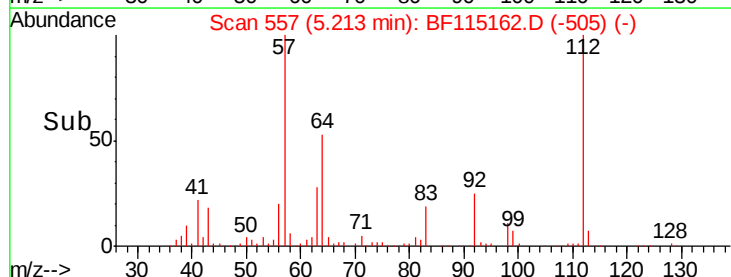
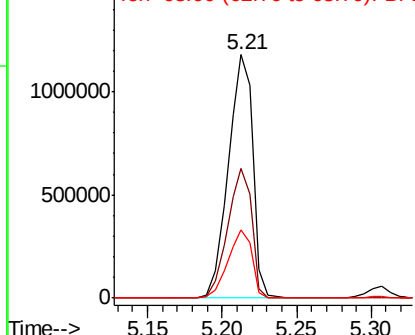
#5

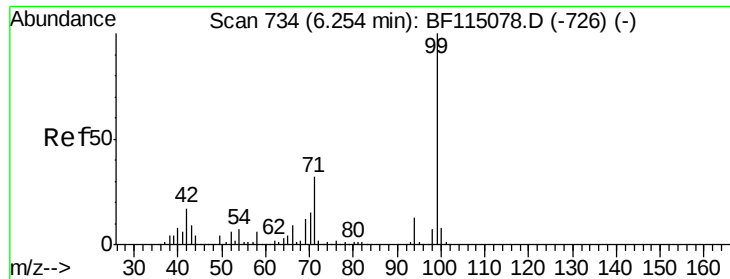
2-Fluorophenol
Concen: 94.668 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion:112 Resp: 1360240
Ion Ratio Lower Upper
112 100
64 53.4 43.8 65.6
63 27.8 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: 94.619 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

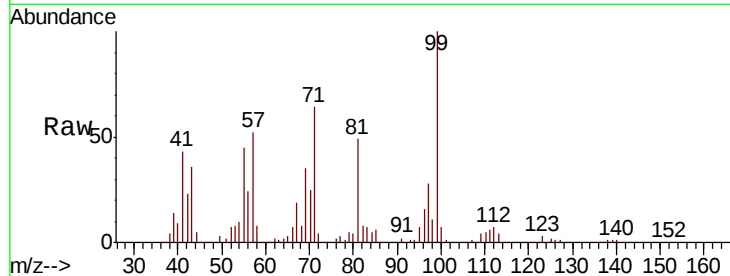
Tot Ion: 99 Resp: 1650136

Ion Ratio Lower Upper

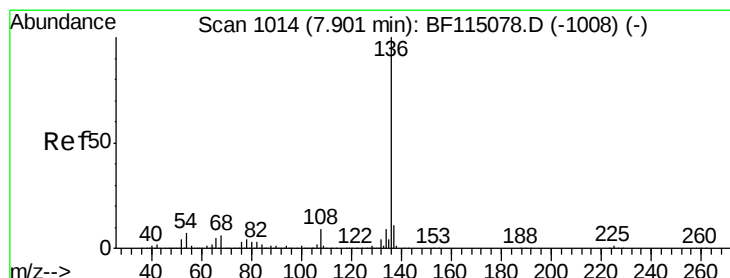
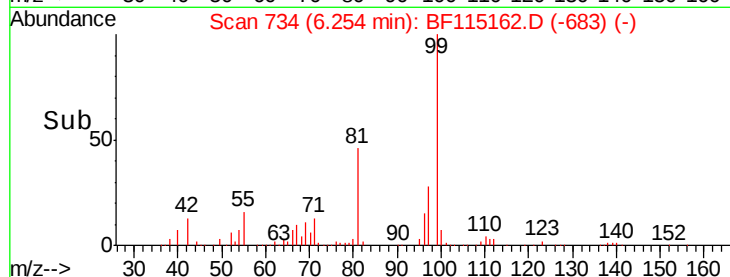
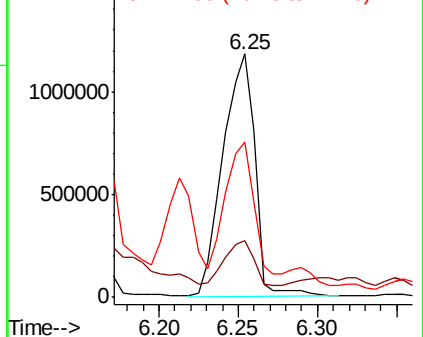
99 100

42 23.3 13.6 20.4#

71 63.9 25.5 38.3#



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: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Tgt Ion: 136 Resp: 602245

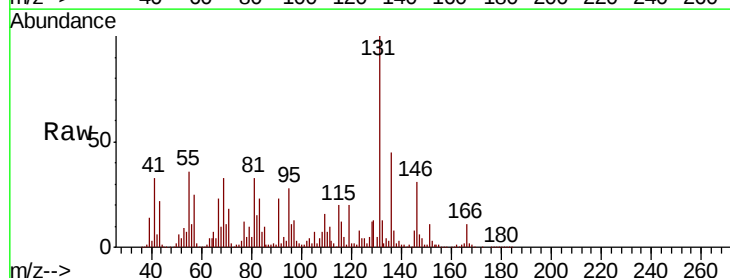
Ion Ratio Lower Upper

136 100

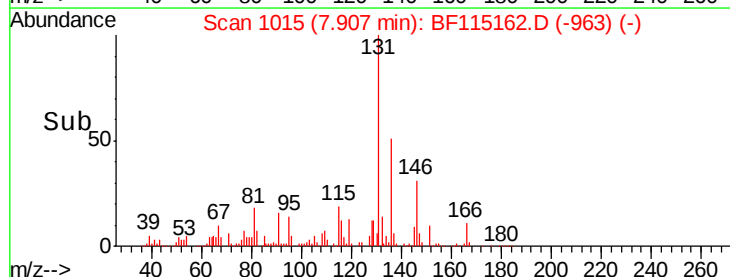
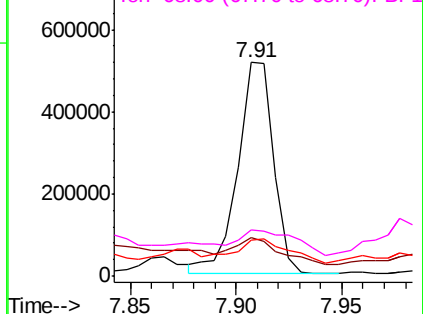
137 18.0 8.9 13.3#

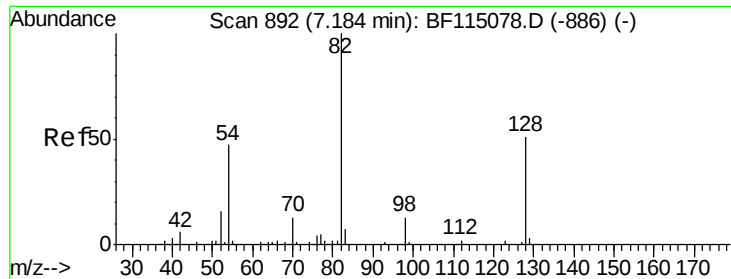
54 16.6 5.6 8.4#

68 21.4 4.8 7.2#



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

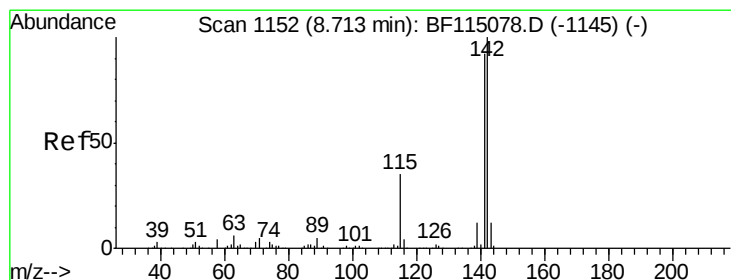
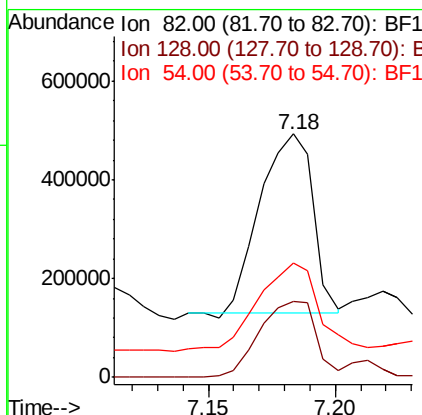
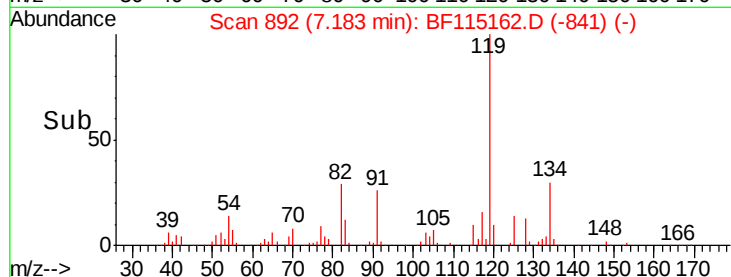
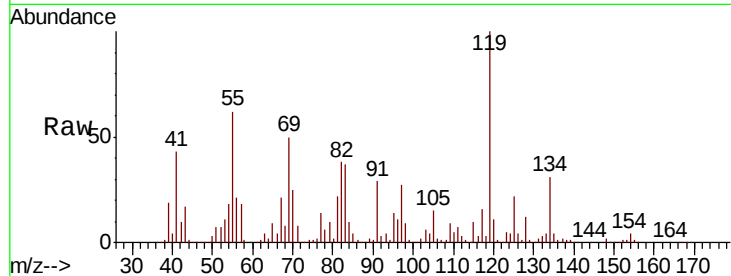




#23
 Nitrobenzene-d5
 Concen: 53.857 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

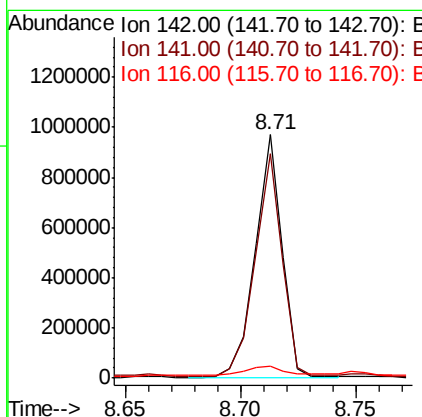
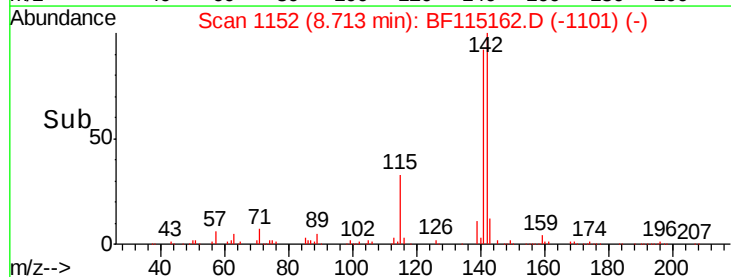
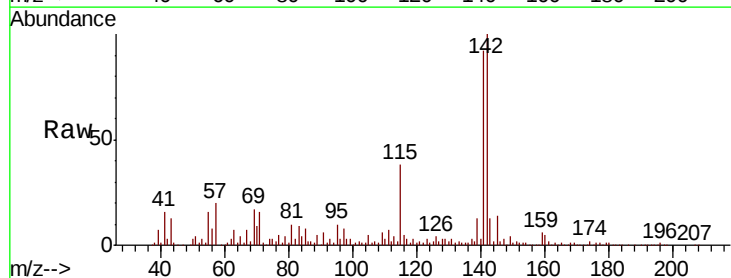
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

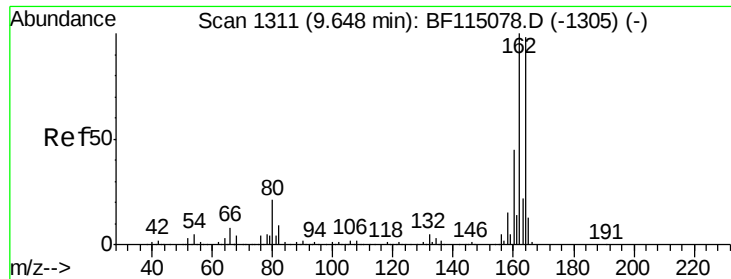
Tot Ion: 82 Resp: 527269
 Ion Ratio Lower Upper
 82 100
 128 31.0 40.4 60.6#
 54 46.7 37.5 56.3



#38
 1-Methylnaphthalene
 Concen: 41.409 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

Tgt Ion: 142 Resp: 788310
 Ion Ratio Lower Upper
 142 100
 141 92.2 73.8 110.8
 116 4.7 2.8 4.2#

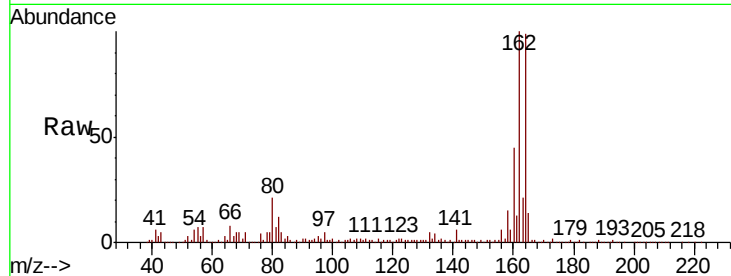




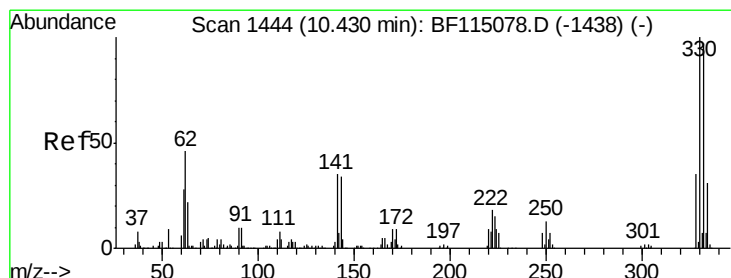
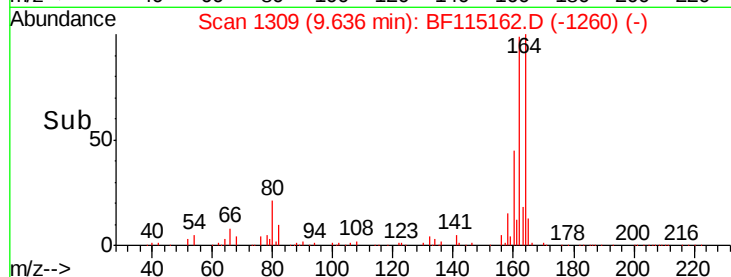
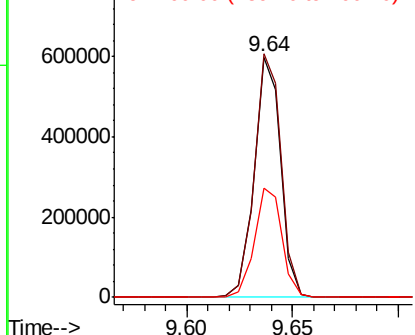
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:164 Resp: 518056
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.7 122.5
 160 45.2 37.0 55.4

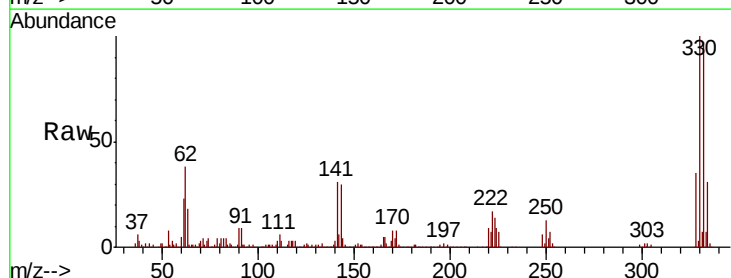


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

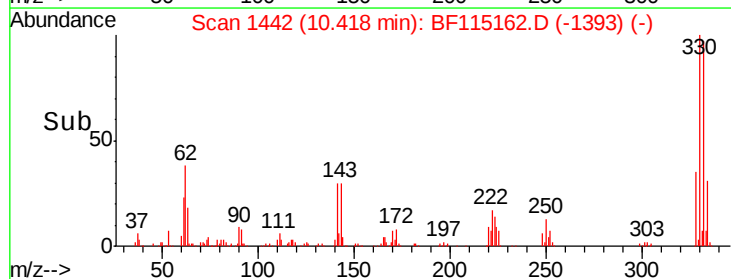
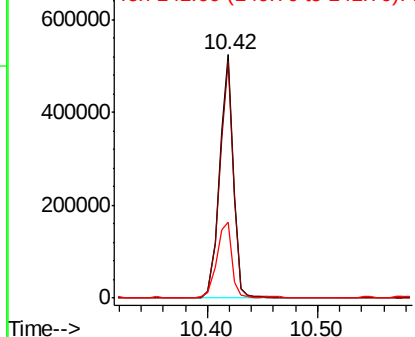


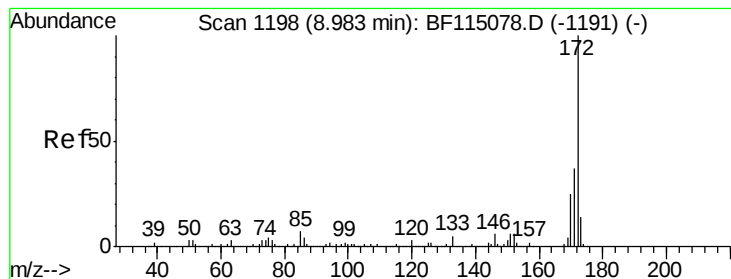
#42
 2,4,6-Tribromophenol
 Concen: 82.984 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115162.D
 Acq: 24 Jun 2019 22:08

Tgt Ion:330 Resp: 453348
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 33.1 28.2 42.2



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: 61.796 ng

RT: 8.98 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

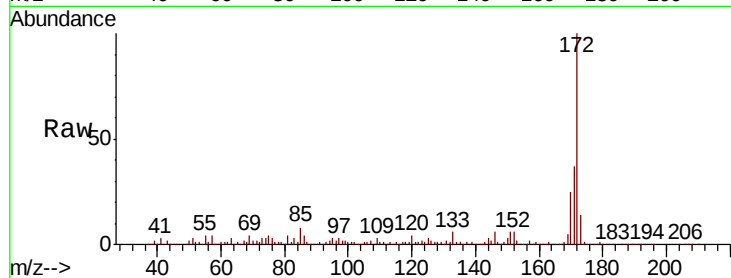
Tot Ion:172 Resp: 1884679

Ion Ratio Lower Upper

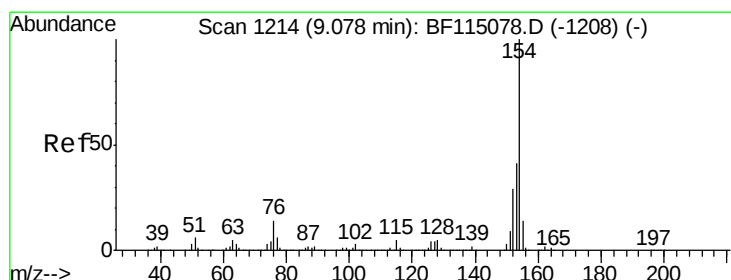
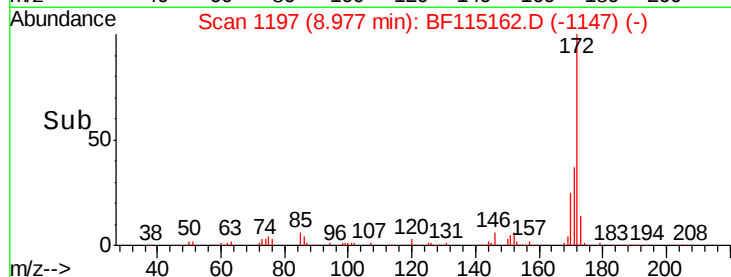
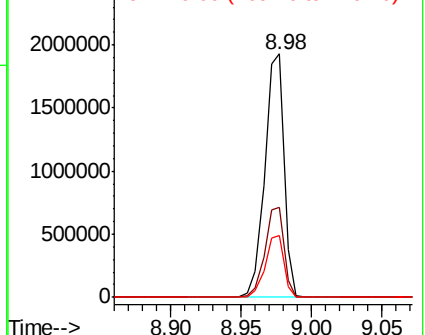
172 100

171 36.8 29.8 44.6

170 25.2 20.3 30.5



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



#46

1,1'-Biphenyl

Concen: 2.872 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

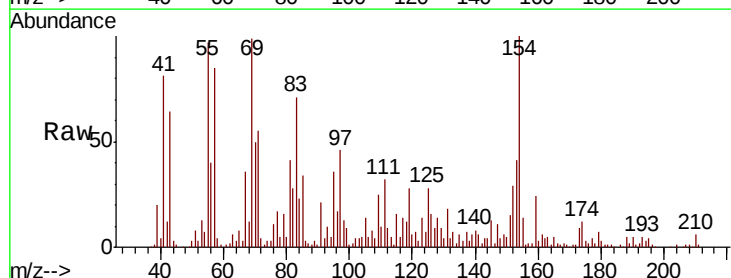
Tgt Ion:154 Resp: 119050

Ion Ratio Lower Upper

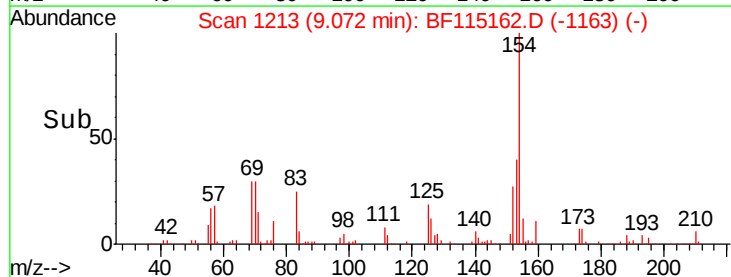
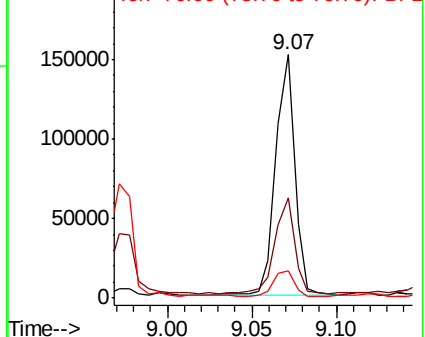
154 100

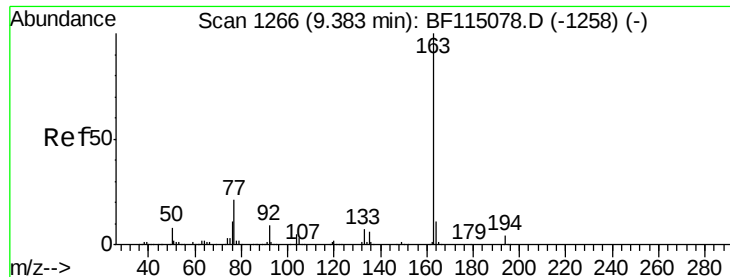
153 40.9 20.9 60.9

76 11.4 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

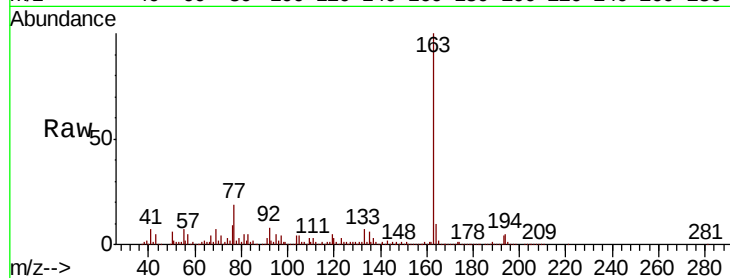




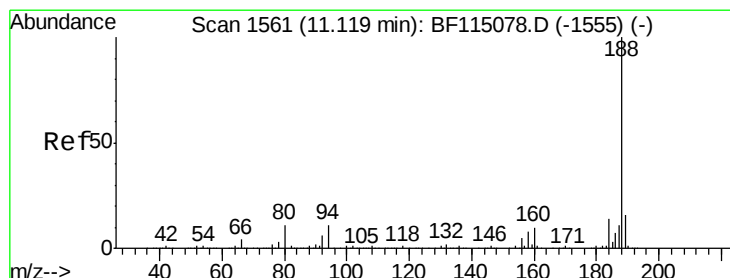
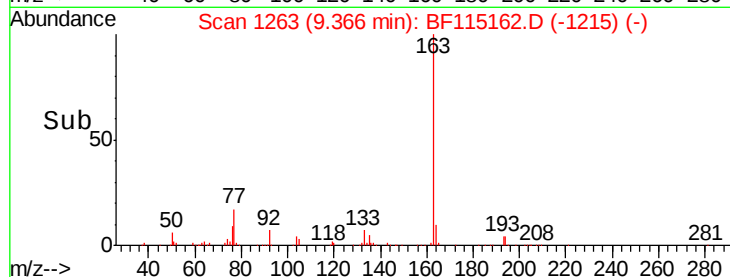
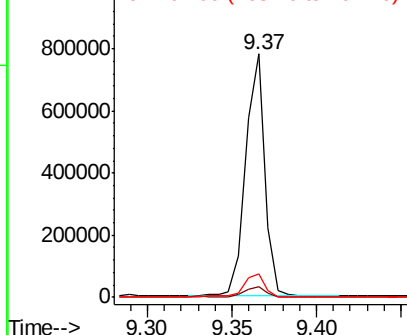
#50
Dimethylphthalate
Concen: 16.228 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion:163 Resp: 618535
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 9.9 8.6 13.0

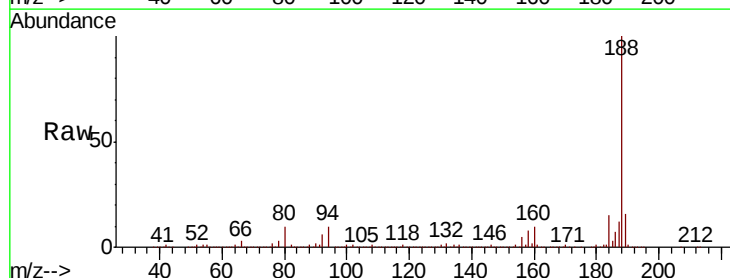


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

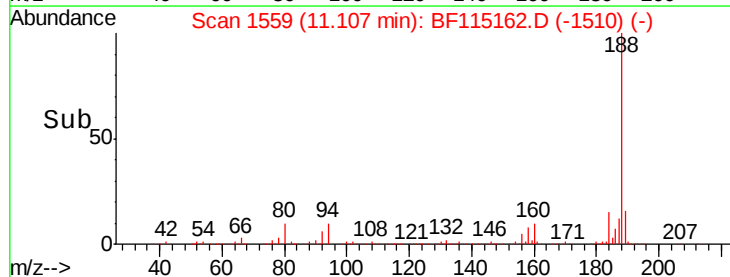
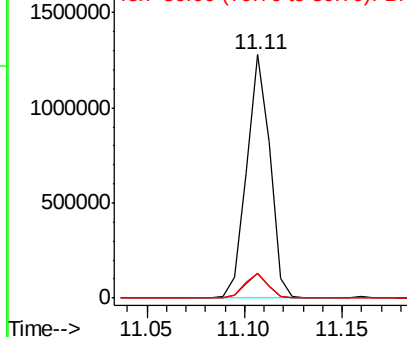


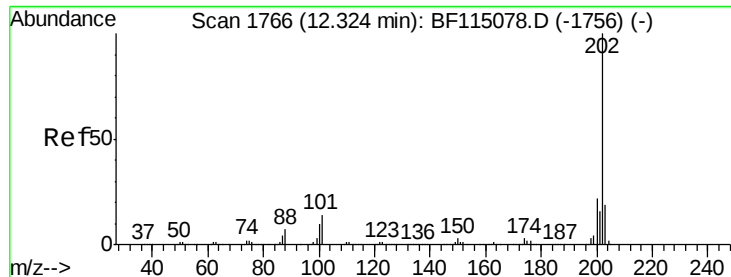
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Tgt Ion:188 Resp: 1055710
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.4 8.8 13.2



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: 2.698 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampled :

TP-3

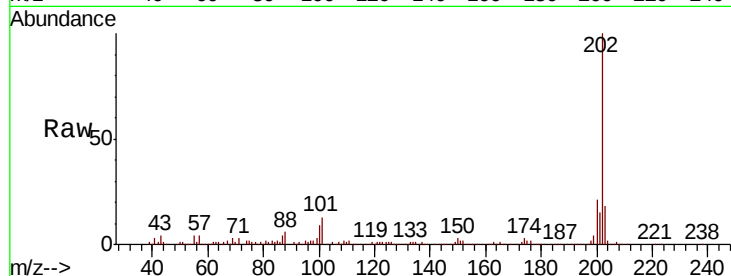
Tot Ion:202 Resp: 153006

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.0

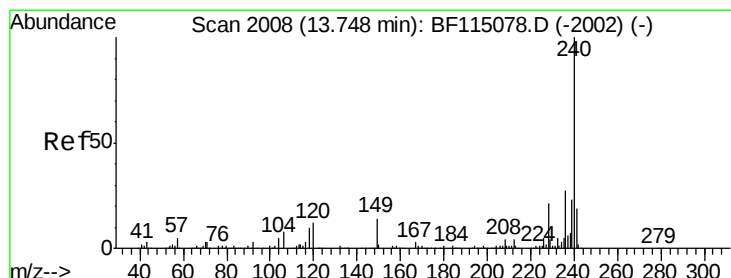
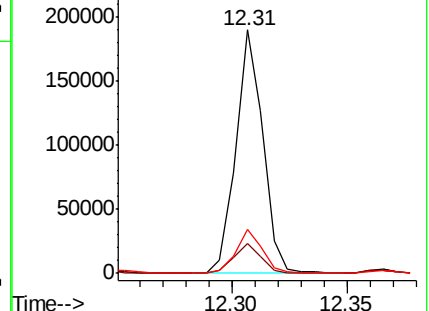
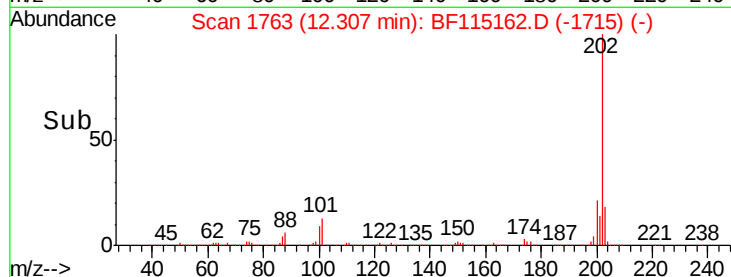
203 18.1 0.0 38.8



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: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

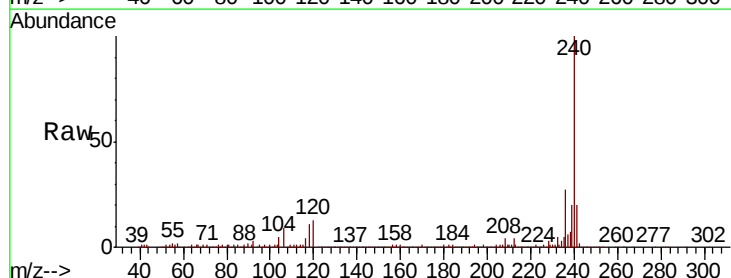
Tgt Ion:240 Resp: 792751

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

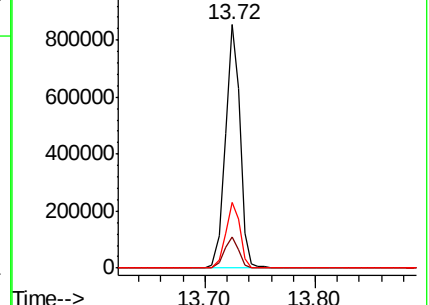
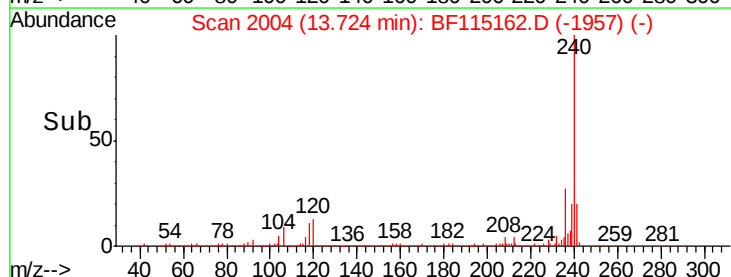
236 26.9 21.7 32.5

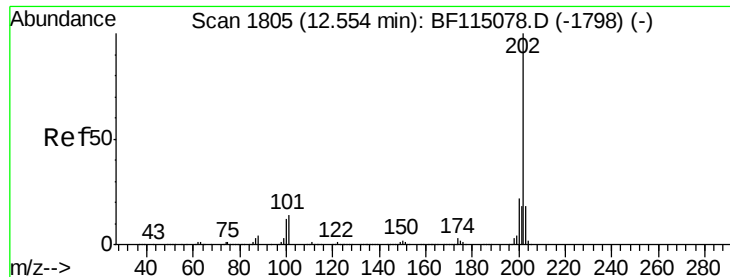


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.739 ng

RT: 12.53 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

Instrument :

BNA_F

ClientSampleId :

TP-3

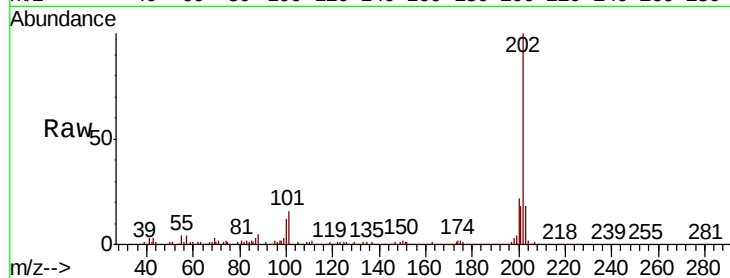
Tot Ion:202 Resp: 227809

Ion Ratio Lower Upper

202 100

200 21.7 17.9 26.9

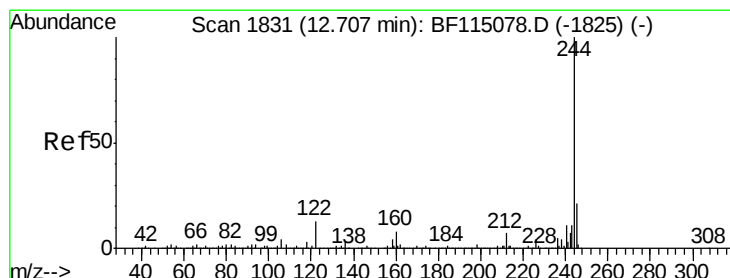
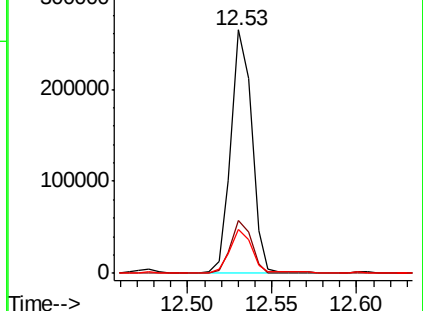
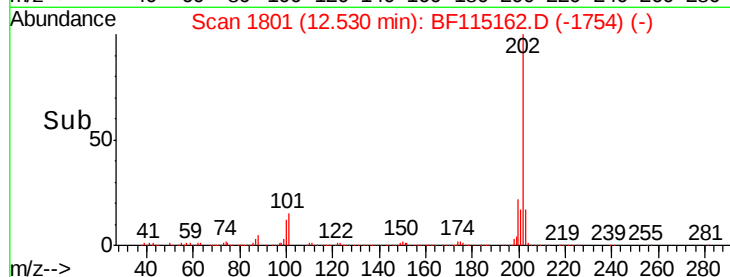
203 18.0 14.6 21.8



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: 60.571 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115162.D

Acq: 24 Jun 2019 22:08

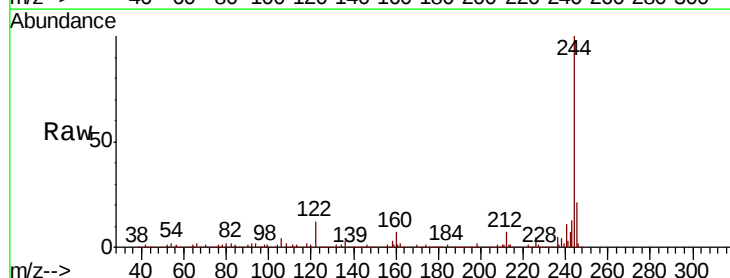
Tgt Ion:244 Resp: 2258445

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

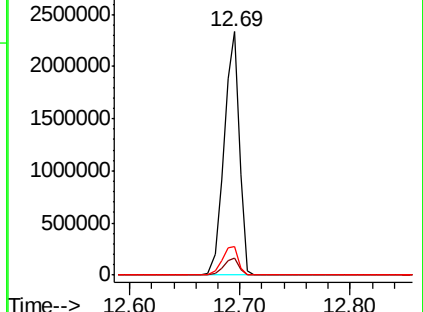
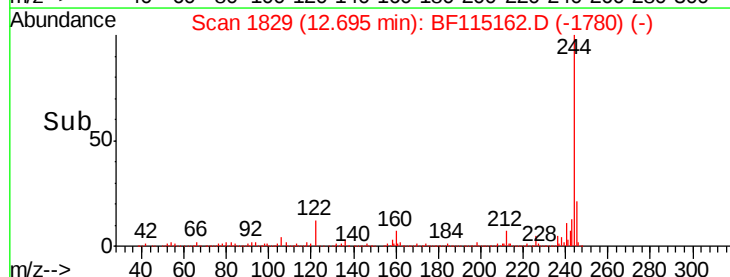
122 11.8 10.4 15.6

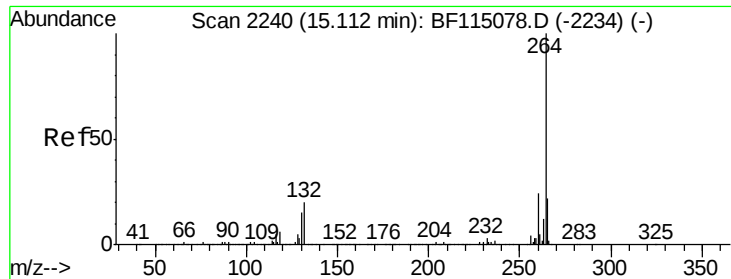


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115162.D
Acq: 24 Jun 2019 22:08

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.8	17.3	25.9

