

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115127.D
 Acq On : 22 Jun 2019 18:10
 Operator : HP/JU
 Sample : K3421-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Quant Time: Jun 24 05:37:26 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

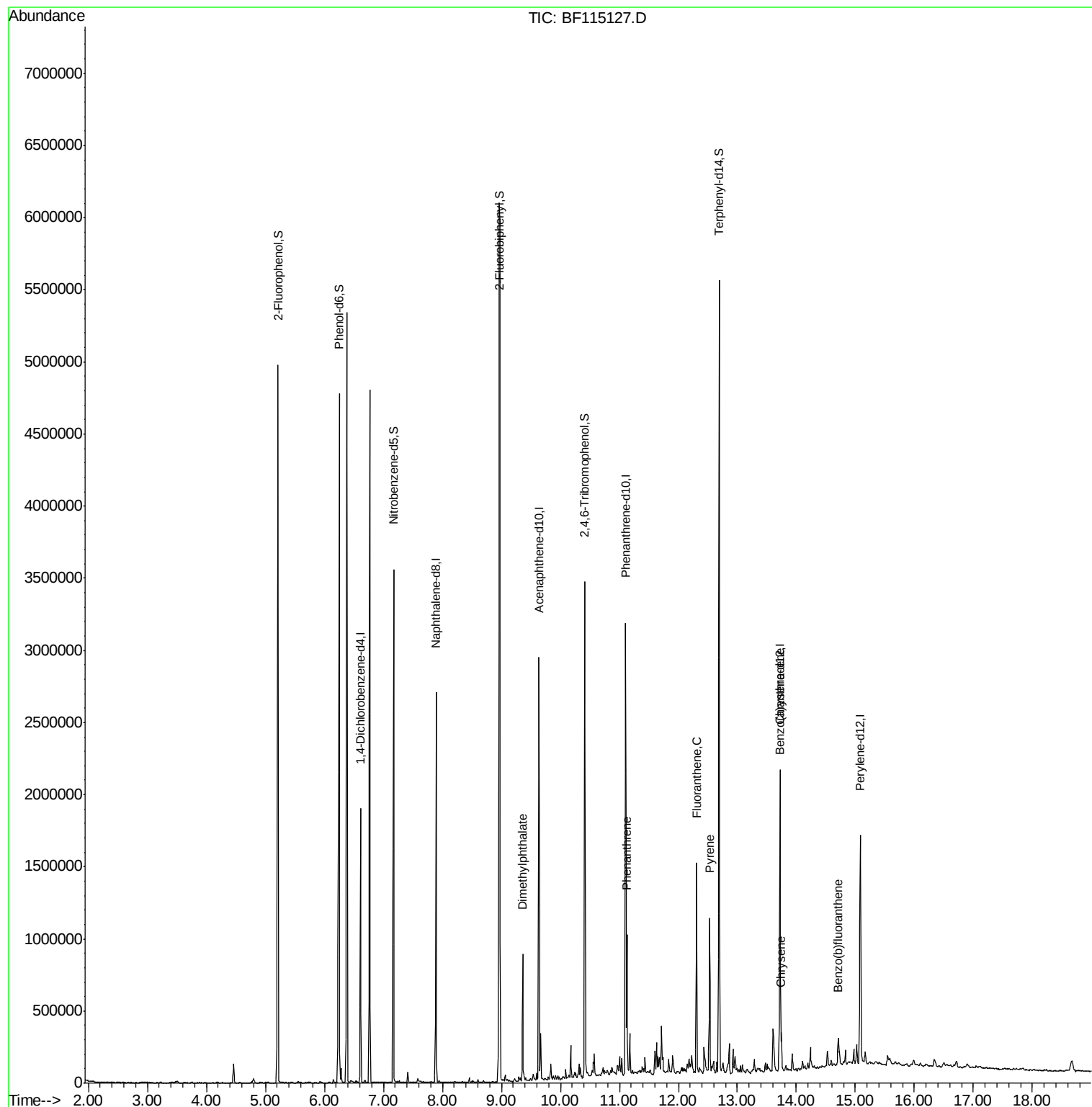
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	297947	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1126536	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	551875	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1054296	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	629846	20.00	ng	-0.02
87) Perylene-d12	15.08	264	660741	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1596228	82.67	ng	0.00
7) Phenol-d6	6.25	99	1986248	84.76	ng	0.00
23) Nitrobenzene-d5	7.17	82	1169850	63.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	419967	72.16	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	2098670	64.60	ng	-0.01
79) Terphenyl-d14	12.69	244	2043924	69.00	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.36	163	315404	7.768	ng	99
71) Phenanthrene	11.13	178	351363	6.190	ng	96
75) Fluoranthene	12.31	202	503713	8.894	ng	97
78) Pyrene	12.53	202	389836	8.054	ng	99
81) Benzo(a)anthracene	13.71	228	116393	2.575	ng	99
83) Chrysene	13.75	228	107799	2.604	ng	96
88) Benzo(b)fluoranthene	14.71	252	96611m	2.343	ng	

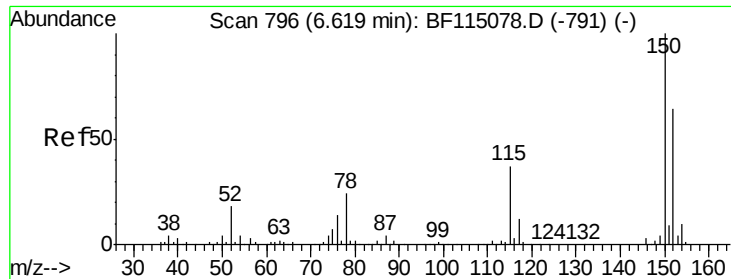
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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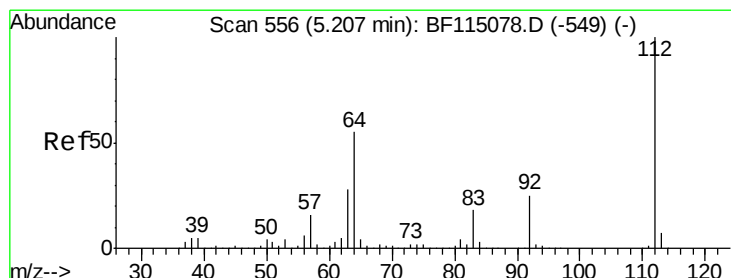
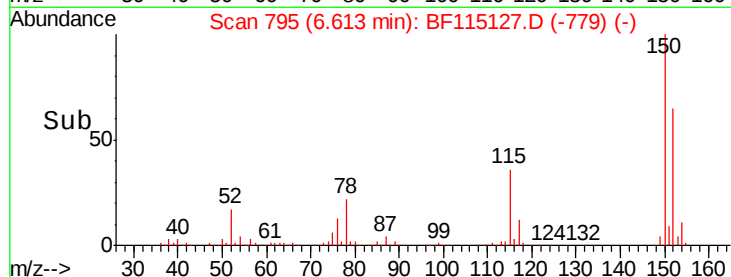
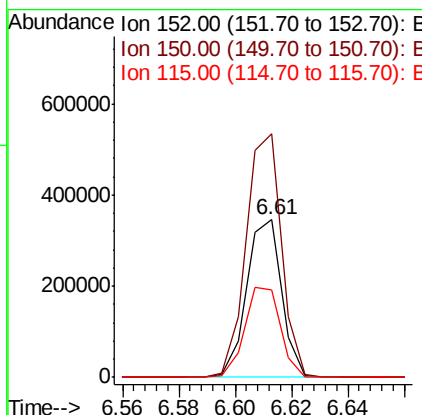
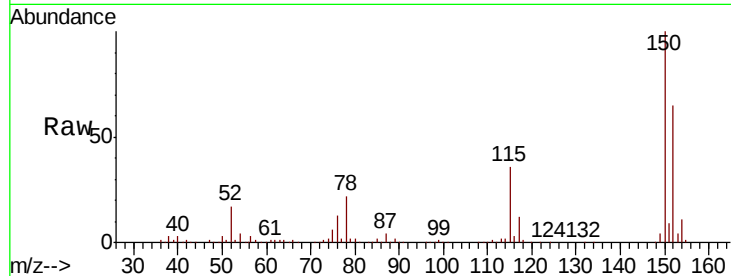


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115127.D
Acq: 22 Jun 2019 18:10

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

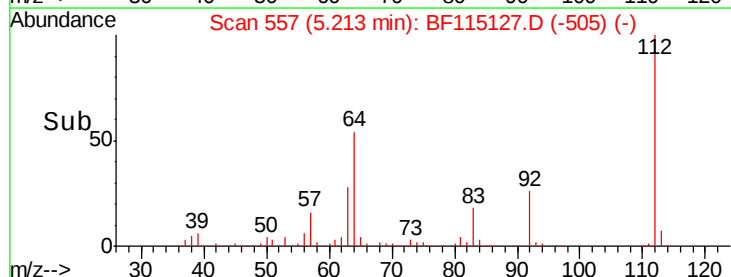
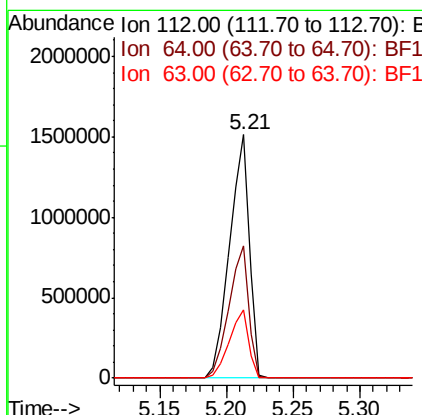
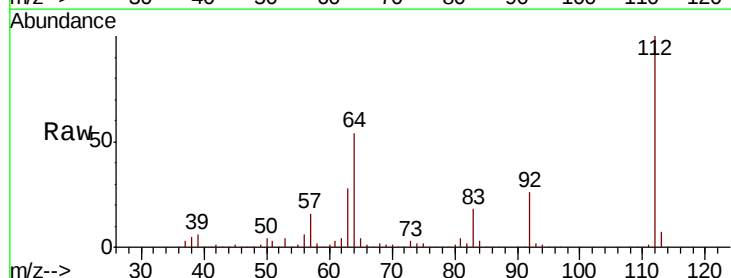
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	55.4	46.1	69.1

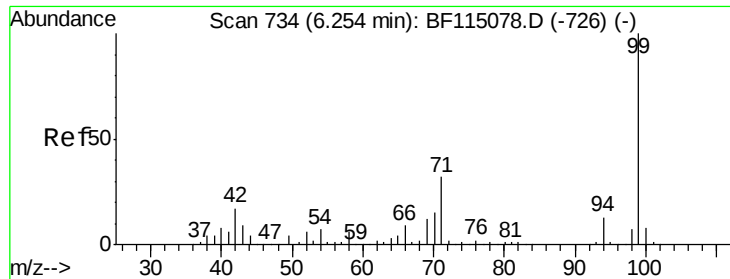


#5

2-Fluorophenol
Concen: 82.674 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115127.D
Acq: 22 Jun 2019 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.8	65.6
63	27.9	22.2	33.4





#7

Phenol-d6

Concen: 84.757 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115127.D

Acq: 22 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1

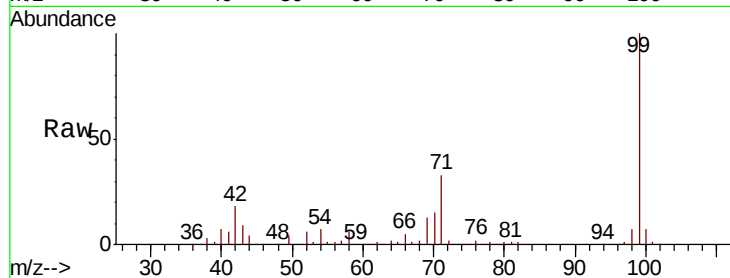
Tot Ion: 99 Resp: 1986248

Ion Ratio Lower Upper

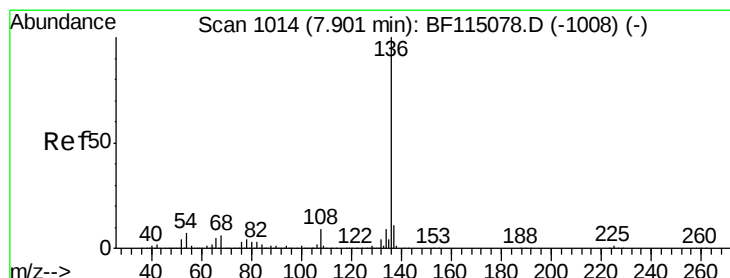
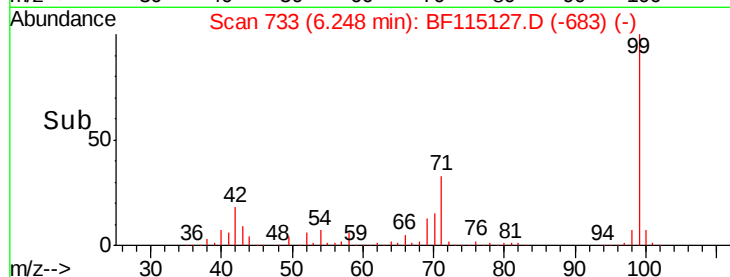
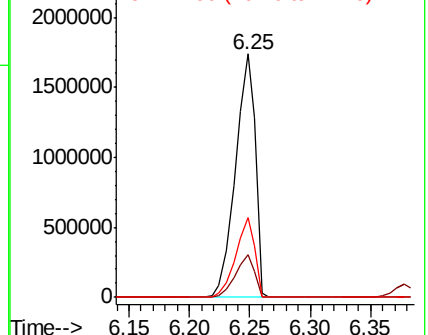
99 100

42 17.5 13.6 20.4

71 33.0 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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115127.D

Acq: 22 Jun 2019 18:10

Tgt Ion:136 Resp: 1126536

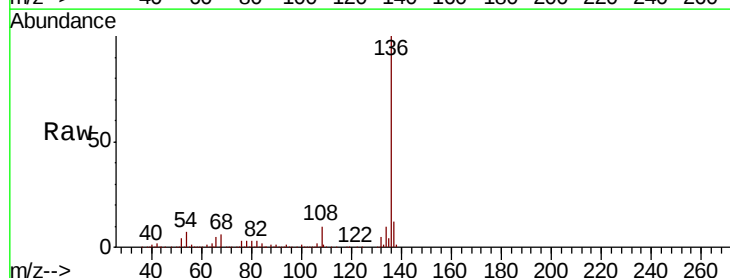
Ion Ratio Lower Upper

136 100

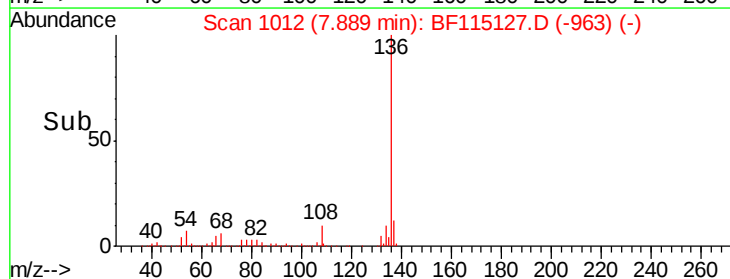
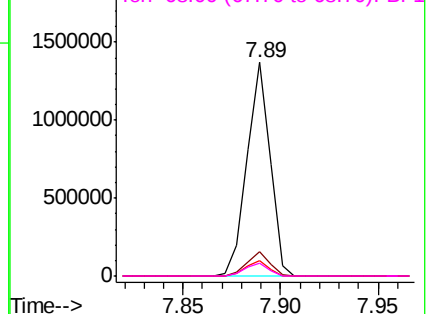
137 11.5 8.9 13.3

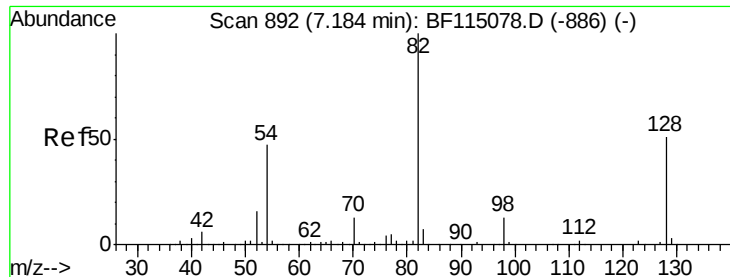
54 7.0 5.6 8.4

68 6.1 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

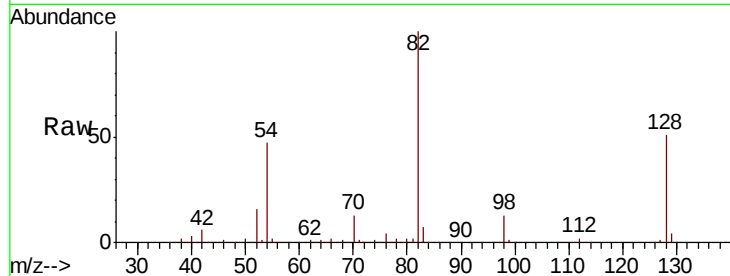




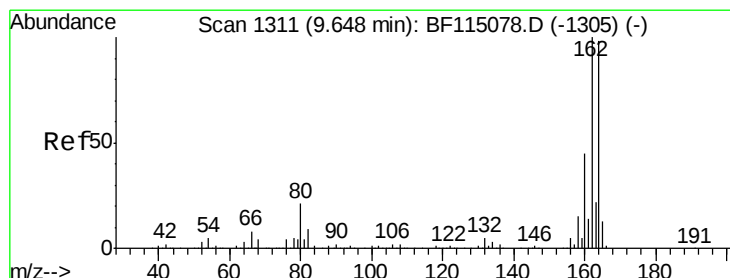
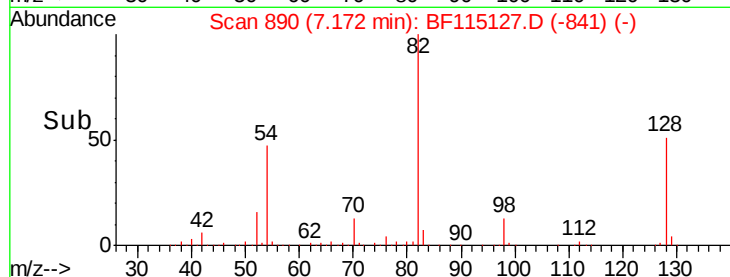
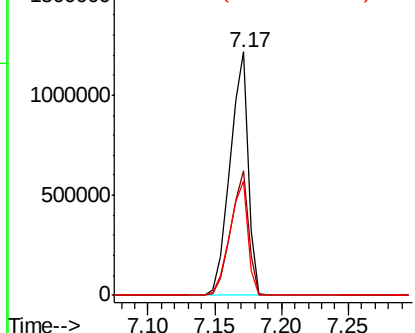
#23
Nitrobenzene-d5
Concen: 63.881 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115127.D
Acq: 22 Jun 2019 18:10

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

Tot Ion: 82 Resp: 1169850
Ion Ratio Lower Upper
82 100
128 51.1 40.4 60.6
54 46.8 37.5 56.3

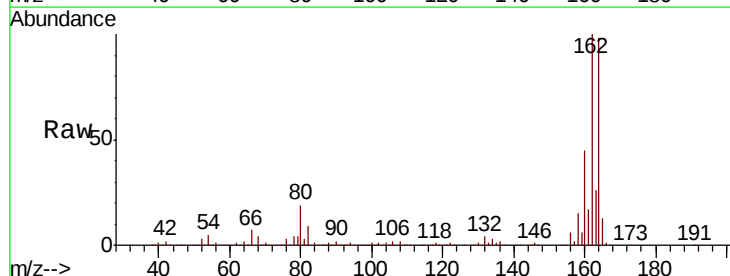


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

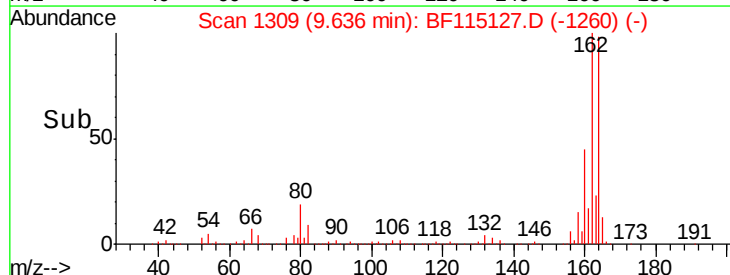
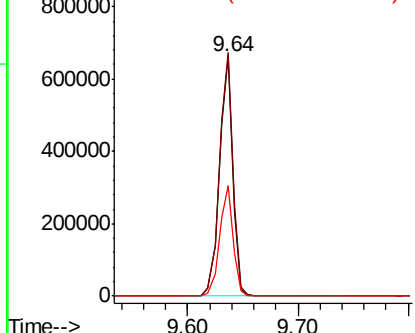


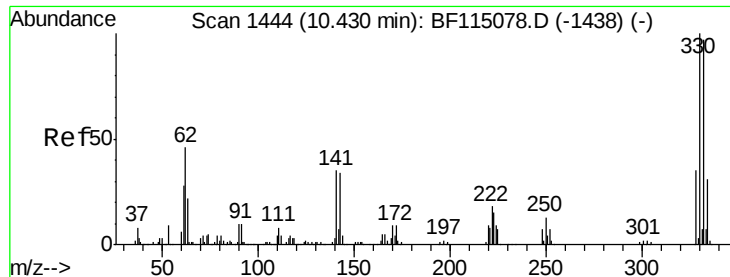
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115127.D
Acq: 22 Jun 2019 18:10

Tgt Ion:164 Resp: 551875
Ion Ratio Lower Upper
164 100
162 101.7 81.7 122.5
160 46.2 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

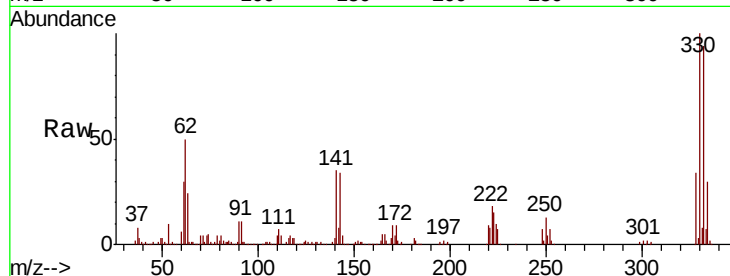




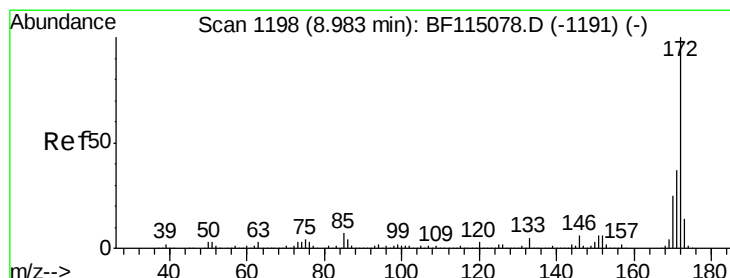
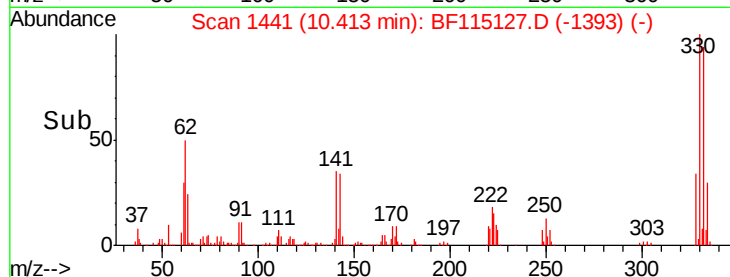
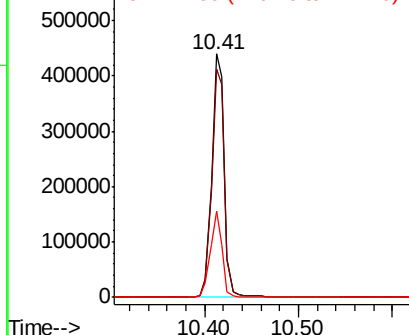
#42
 2,4,6-Tribromophenol
 Concen: 72.163 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF115127.D
 Acq: 22 Jun 2019 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Tot Ion:330 Resp: 419967
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.3 115.9
 141 33.7 28.2 42.2

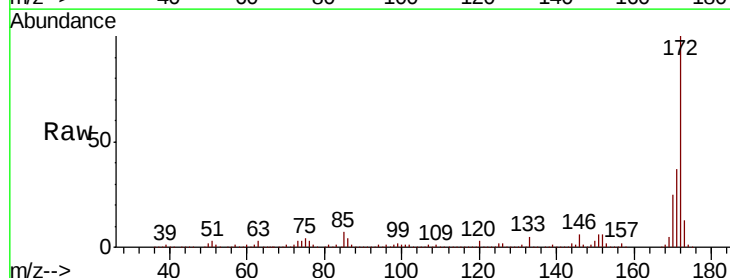


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

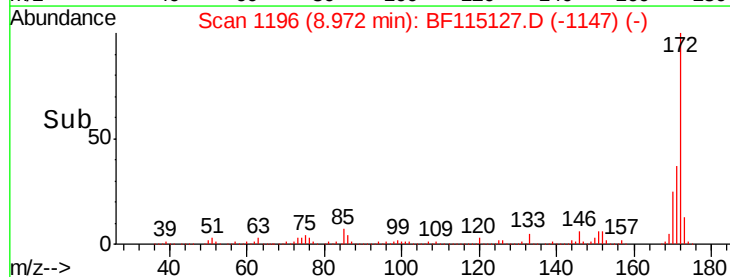
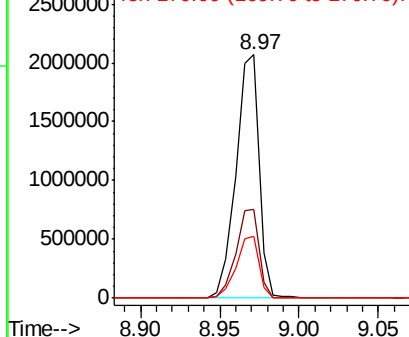


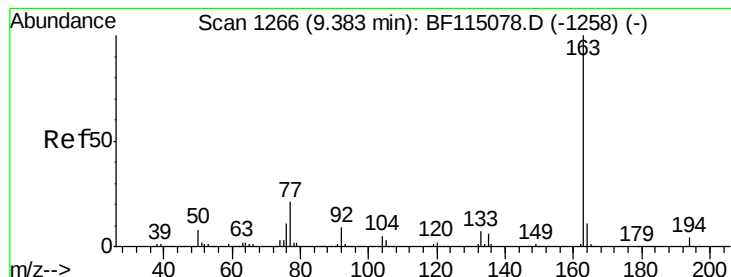
#45
 2-Fluorobiphenyl
 Concen: 64.595 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115127.D
 Acq: 22 Jun 2019 18:10

Tgt Ion:172 Resp: 2098670
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 25.4 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





#50

Dimethylphthalate

Concen: 7.768 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115127.D

Acq: 22 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1

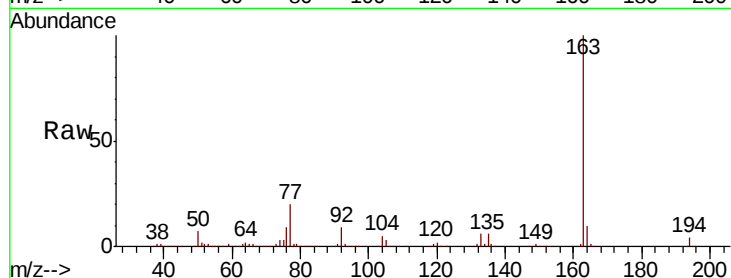
Tot Ion:163 Resp: 315404

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

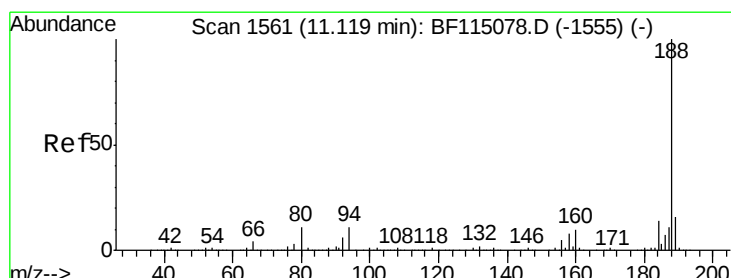
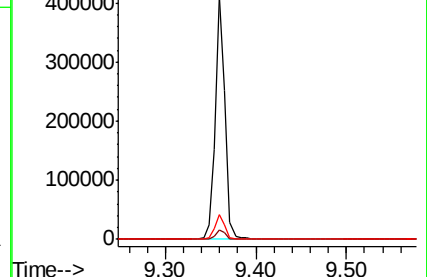
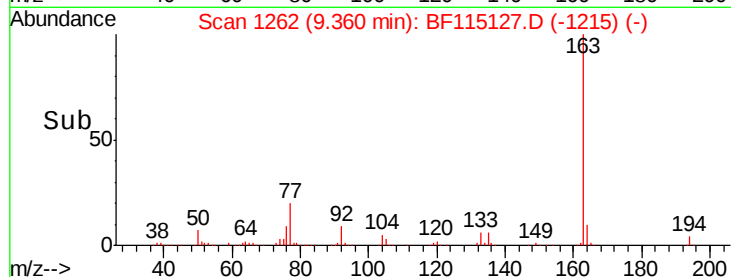
164 10.1 8.6 13.0



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: BF115127.D

Acq: 22 Jun 2019 18:10

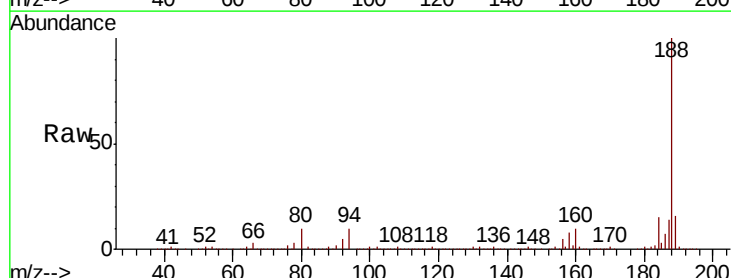
Tgt Ion:188 Resp: 1054296

Ion Ratio Lower Upper

188 100

94 9.9 8.6 12.8

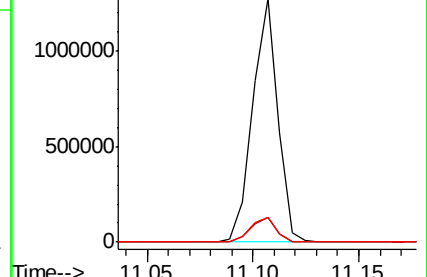
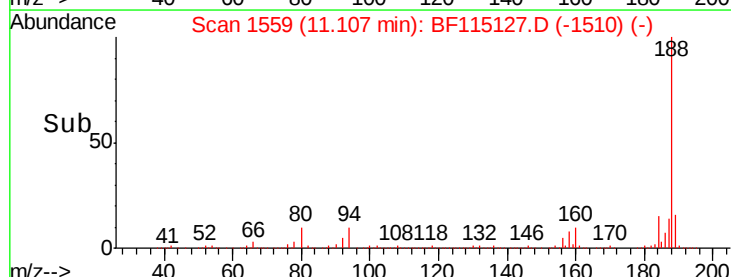
80 10.2 8.8 13.2

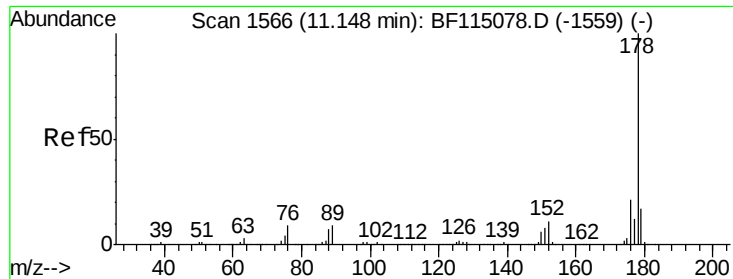


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

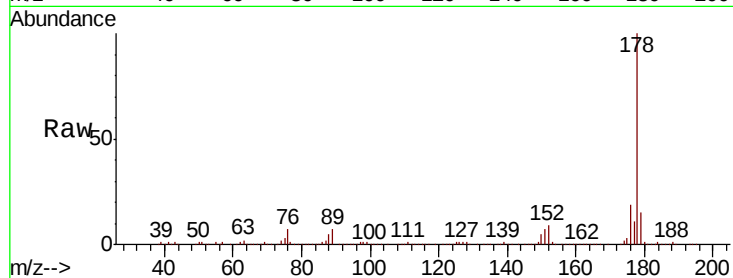




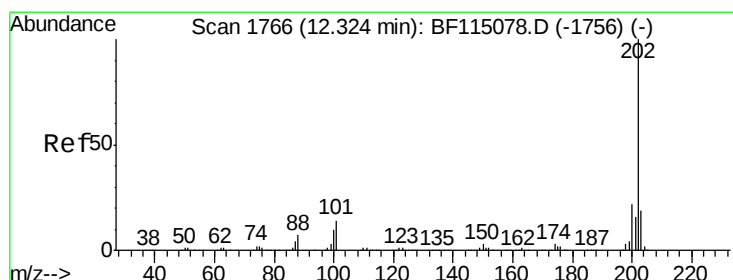
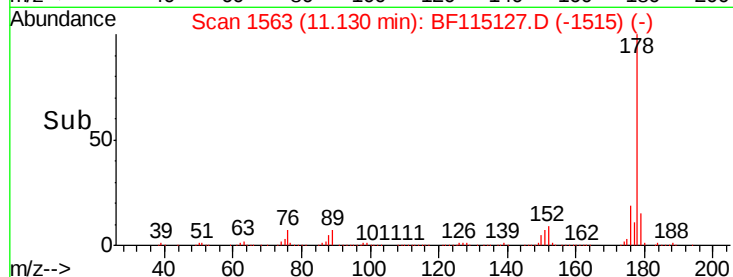
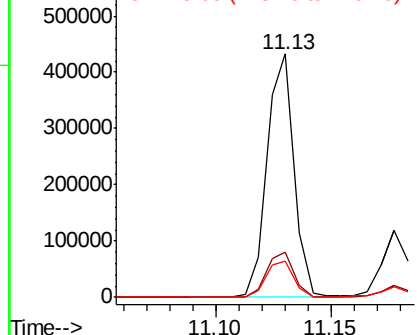
#71
Phenanthrene
Concen: 6.190 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115127.D
Acq: 22 Jun 2019 18:10

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

Tot Ion:178 Resp: 351363
Ion Ratio Lower Upper
178 100
176 18.7 16.9 25.3
179 15.0 13.2 19.8

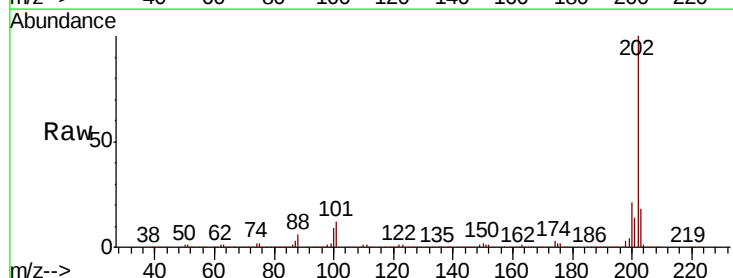


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

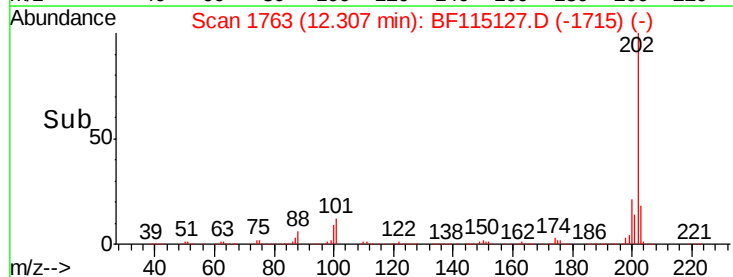
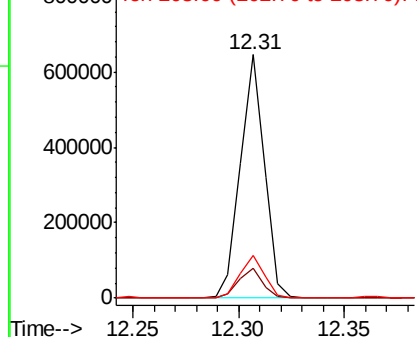


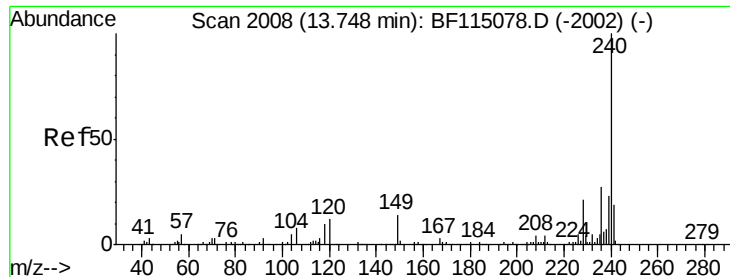
#75
Fluoranthene
Concen: 8.894 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF115127.D
Acq: 22 Jun 2019 18:10

Tgt Ion:202 Resp: 503713
Ion Ratio Lower Upper
202 100
101 12.2 0.0 34.0
203 17.6 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

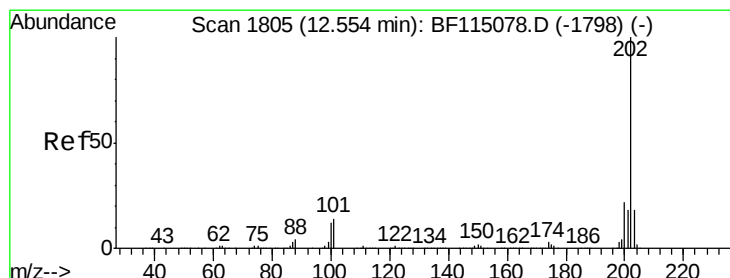
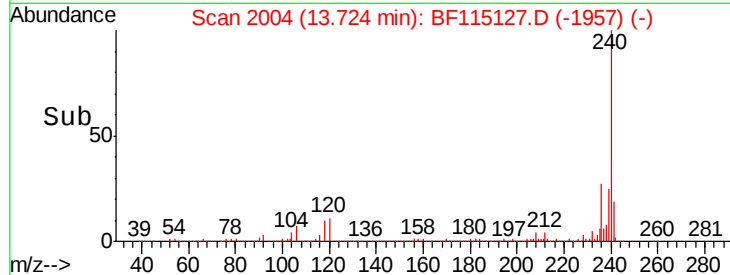
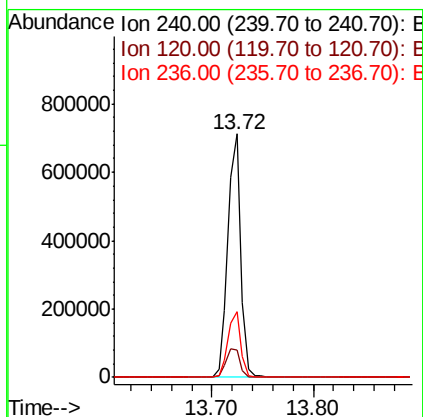
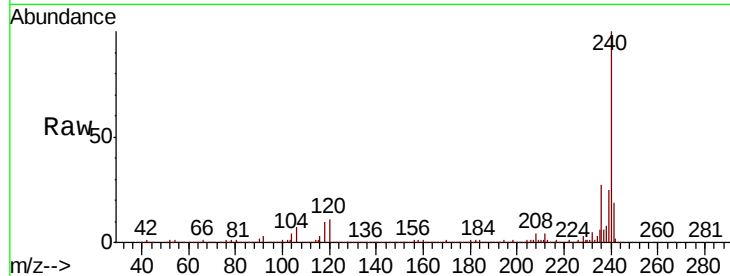




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115127.D
Acq: 22 Jun 2019 18:10

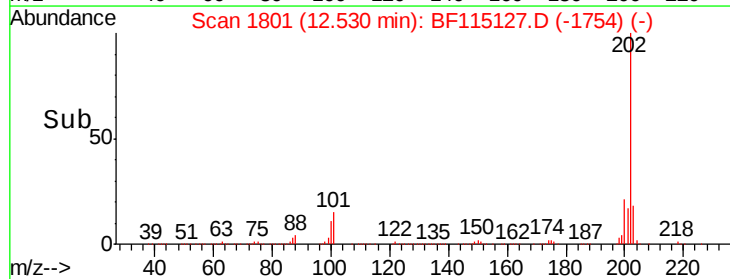
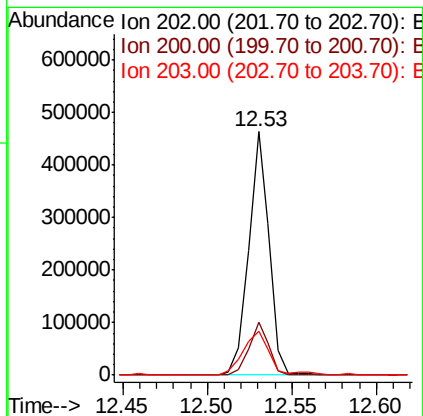
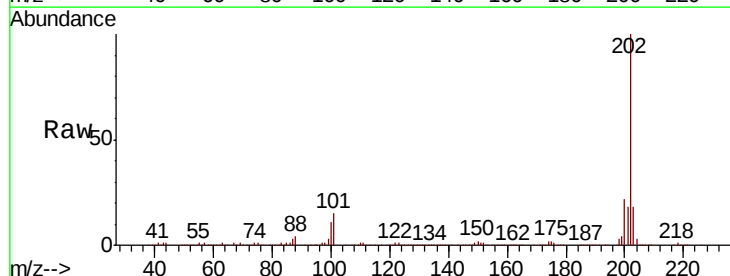
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

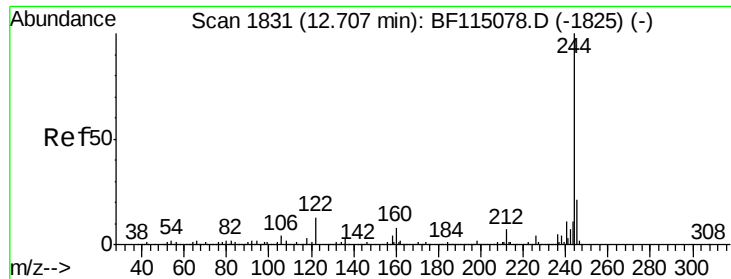
Tot Ion:240 Resp: 629846
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 27.2 21.7 32.5



#78
Pyrene
Concen: 8.054 ng
RT: 12.53 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF115127.D
Acq: 22 Jun 2019 18:10

Tgt Ion:202 Resp: 389836
Ion Ratio Lower Upper
202 100
200 21.5 17.9 26.9
203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 68.996 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115127.D

Acq: 22 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1

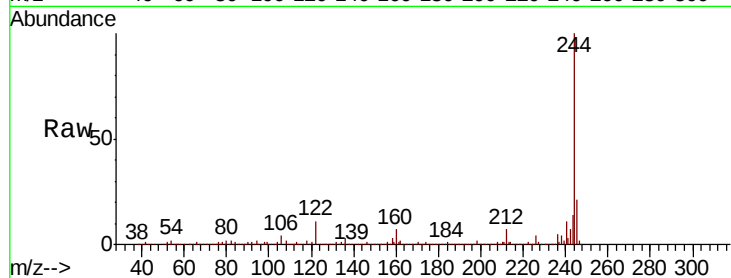
Tot Ion:244 Resp: 2043924

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

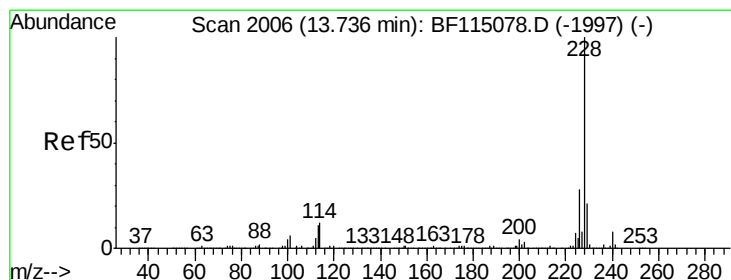
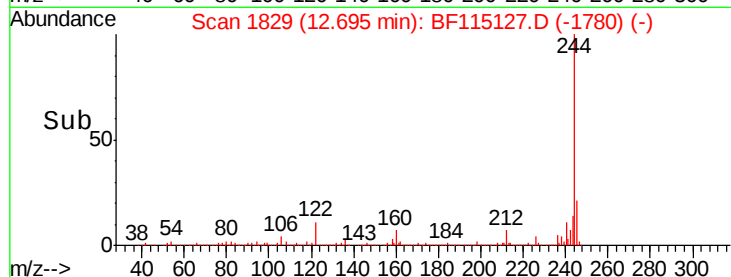
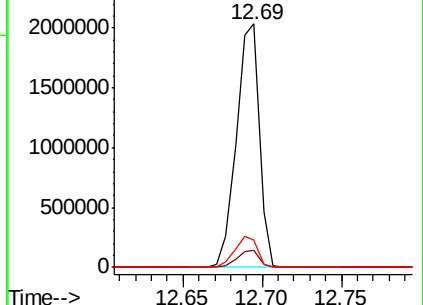
122 11.3 10.4 15.6



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



#81

Benzo(a)anthracene

Concen: 2.575 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF115127.D

Acq: 22 Jun 2019 18:10

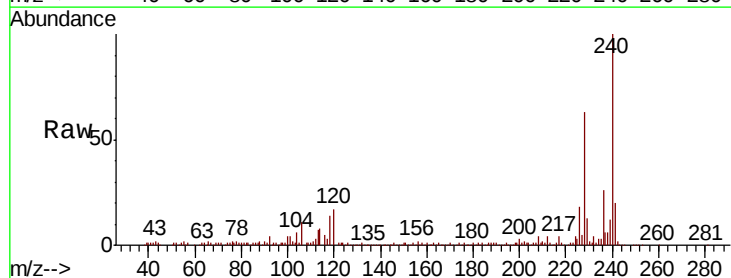
Tgt Ion:228 Resp: 116393

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

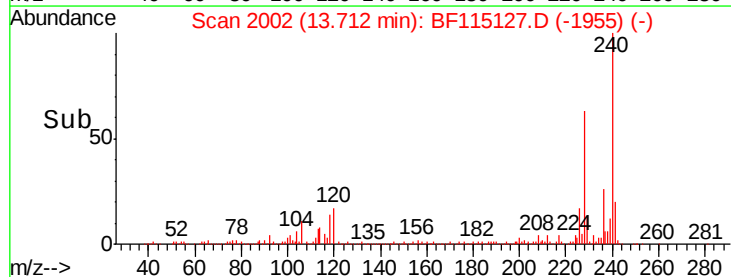
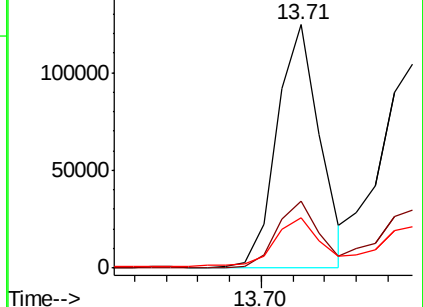
229 20.6 16.6 24.8

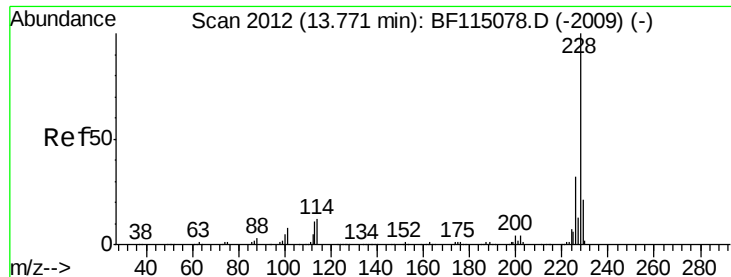


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

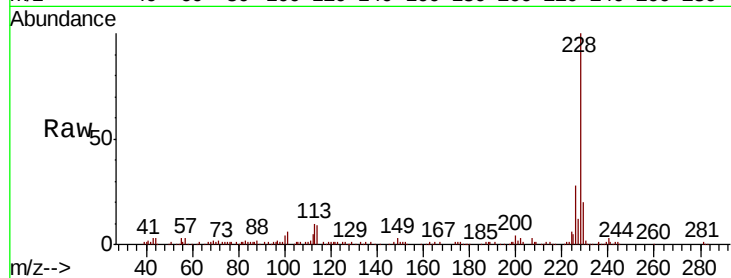




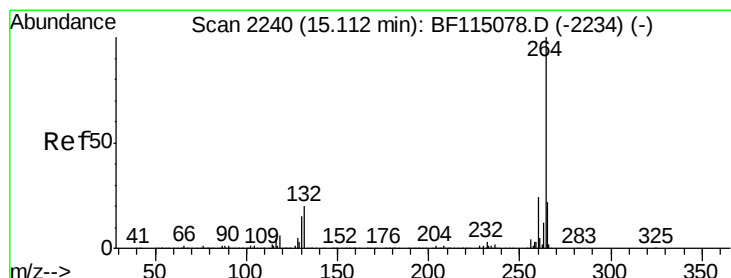
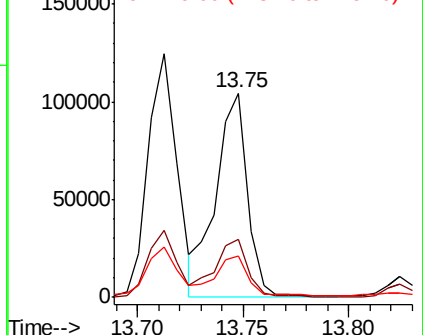
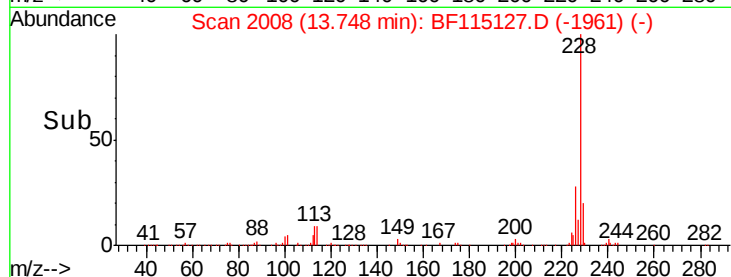
#83
 Chrysene
 Concen: 2.604 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF115127.D
 Acq: 22 Jun 2019 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Tot Ion:228 Resp: 107799
 Ion Ratio Lower Upper
 228 100
 226 28.4 25.4 38.0
 229 20.1 16.5 24.7

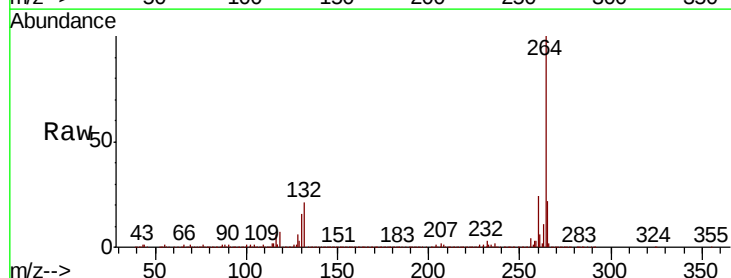


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

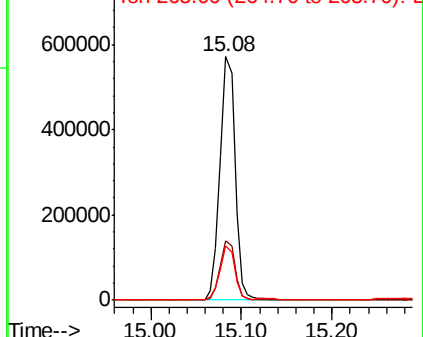
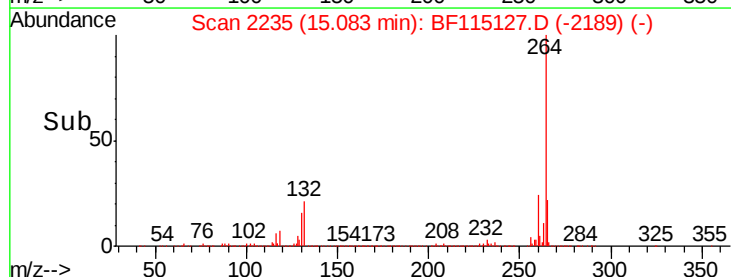


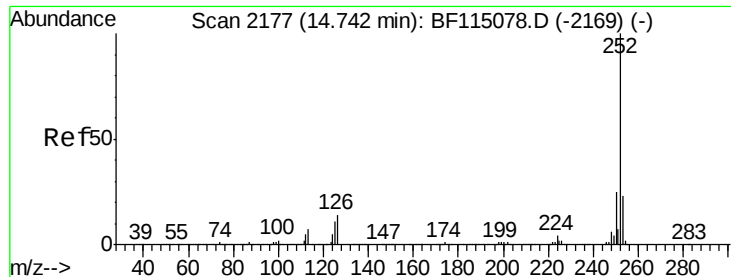
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.03 min
 Lab File: BF115127.D
 Acq: 22 Jun 2019 18:10

Tgt Ion:264 Resp: 660741
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 22.4 17.3 25.9



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





#88

Benzo(b)fluoranthene

Concen: 2.343 ng m

RT: 14.71 min Scan# 2171

Delta R.T. -0.04 min

Lab File: BF115127.D

Acq: 22 Jun 2019 18:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1

Tot Ion:252 Resp: 96611

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 13.9 8.7 13.1#

