

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115121.D
 Acq On : 22 Jun 2019 15:30
 Operator : HP/JU
 Sample : K3448-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-10)

Quant Time: Jun 24 05:21:47 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

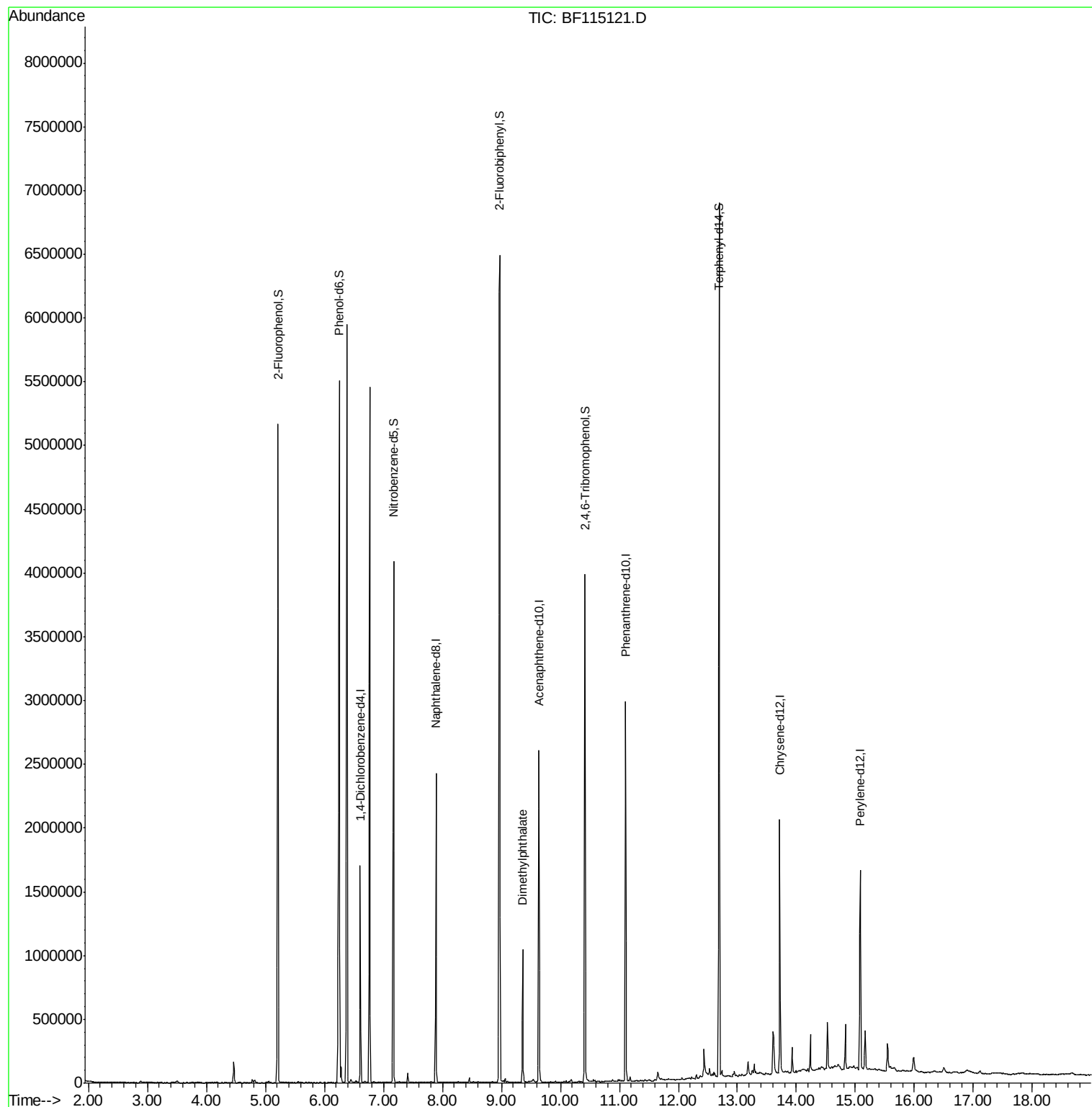
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	267816	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1035444	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	513097	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1006926	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	670653	20.00	ng	-0.03
87) Perylene-d12	15.08	264	610138	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1923571	110.84	ng	0.01
7) Phenol-d6	6.25	99	2379002	112.94	ng	0.00
23) Nitrobenzene-d5	7.17	82	1453129	86.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	545728	100.86	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2352882	77.89	ng	-0.01
79) Terphenyl-d14	12.70	244	2509342	79.55	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.36	163	393928	10.435	ng	Qvalue 99

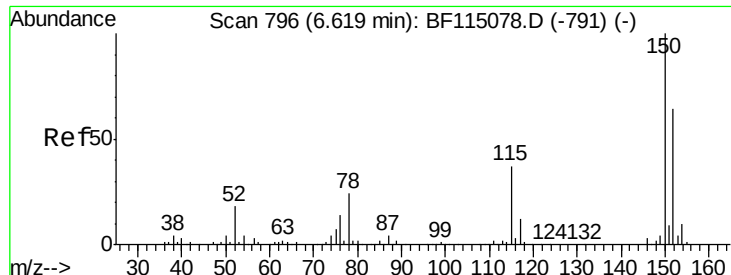
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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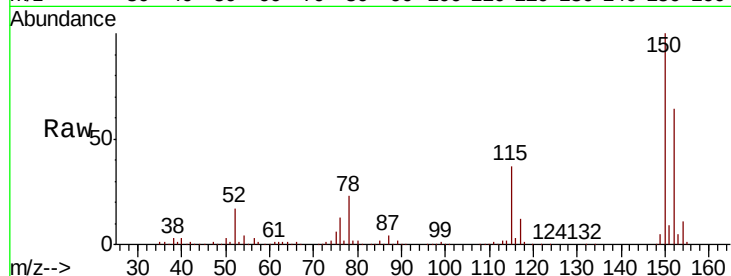


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

Instrument :
BNA_F
ClientSampleId :
M-2(0-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.2
115	56.9	46.1	69.1

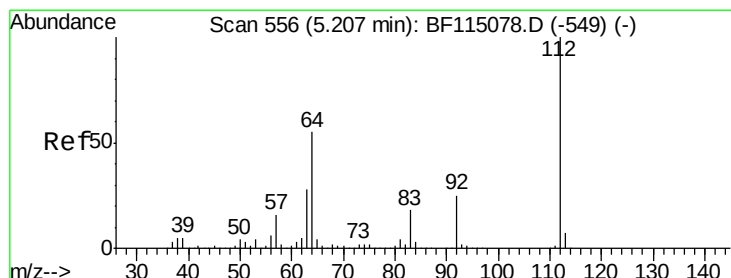
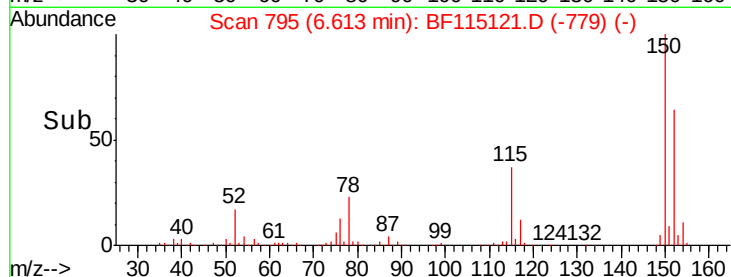
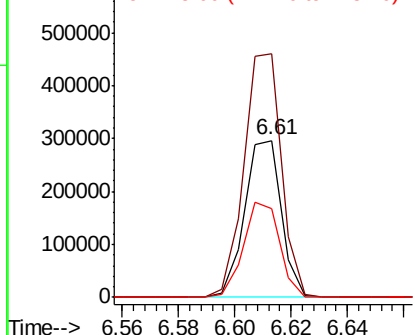


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

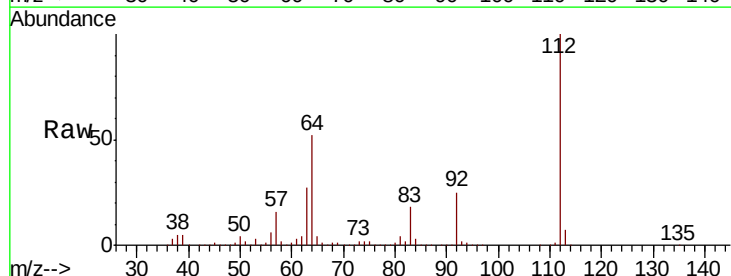
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.837 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	43.8	65.6
63	26.6	22.2	33.4

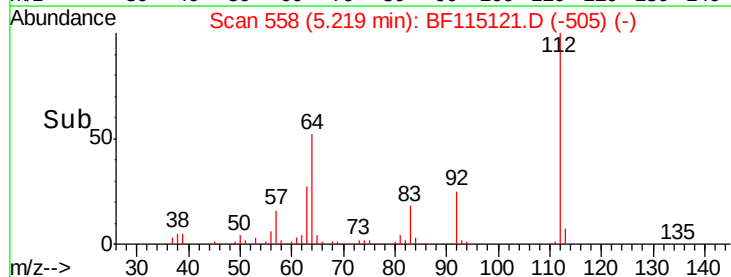
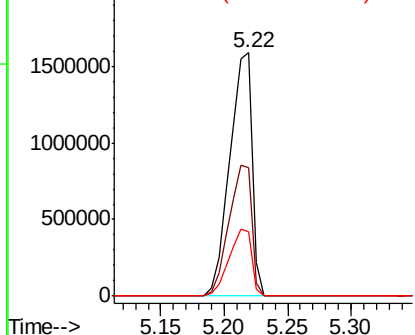


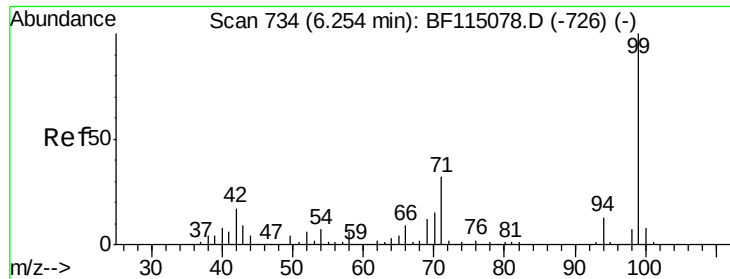
Abundance

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: 112.938 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

Instrument :

BNA_F

ClientSampleId :

M-2(0-10)

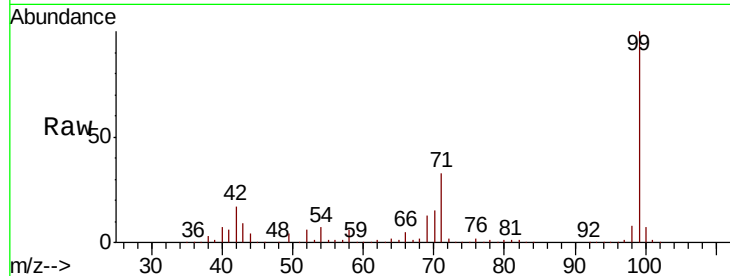
Tot Ion: 99 Resp: 2379002

Ion Ratio Lower Upper

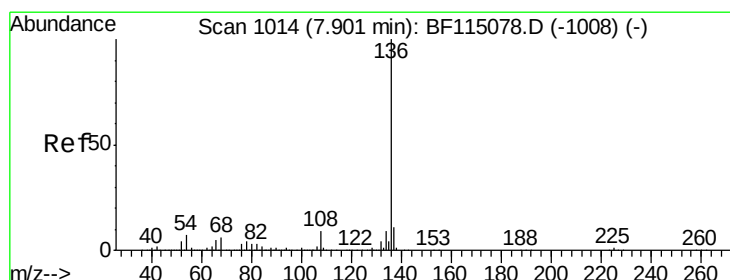
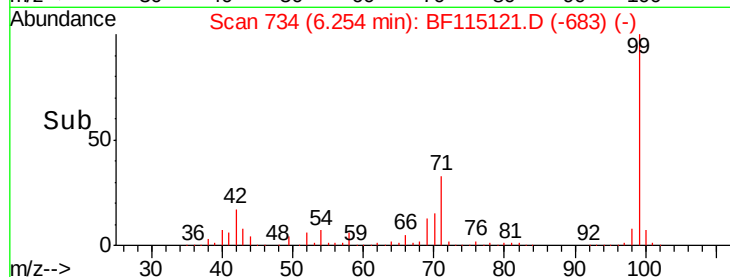
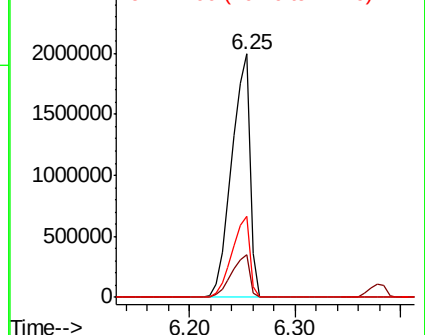
99 100

42 17.3 13.6 20.4

71 33.4 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: BF115121.D

Acq: 22 Jun 2019 15:30

Tgt Ion:136 Resp: 1035444

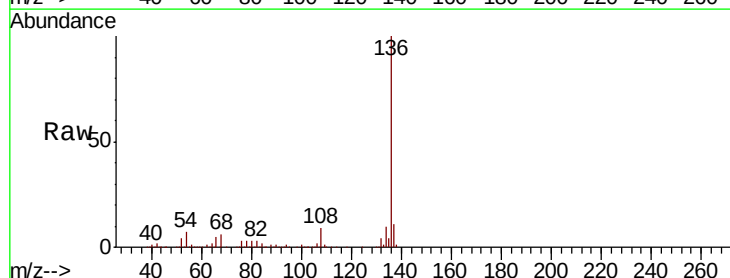
Ion Ratio Lower Upper

136 100

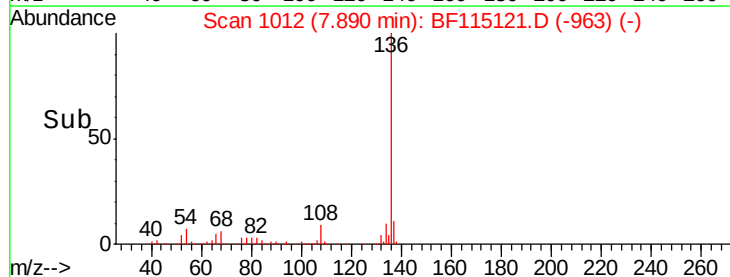
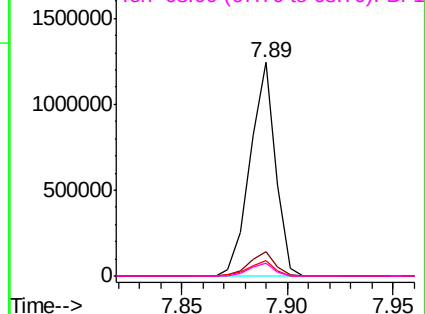
137 11.3 8.9 13.3

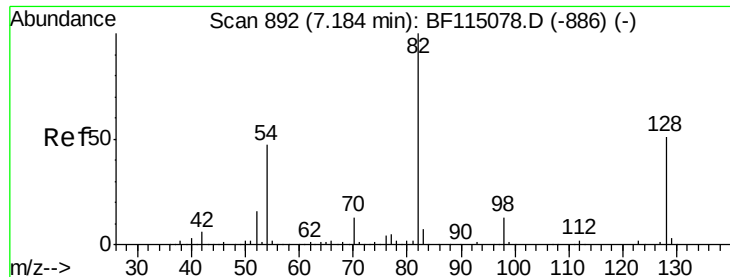
54 7.0 5.6 8.4

68 6.0 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

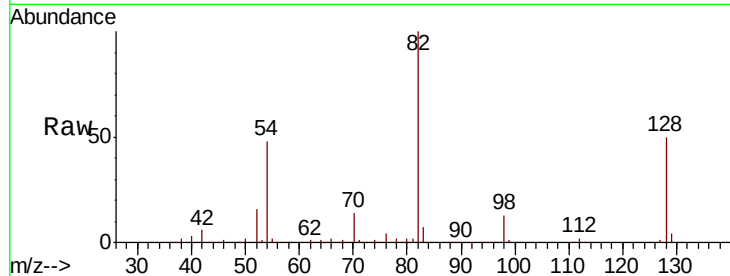




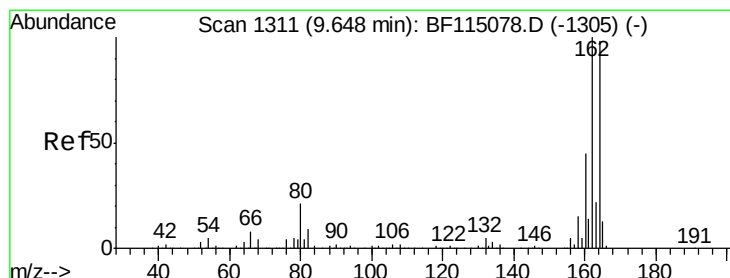
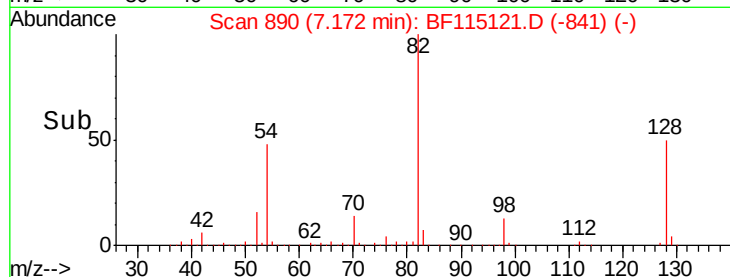
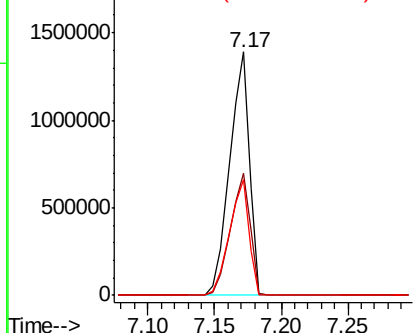
#23
 Nitrobenzene-d5
 Concen: 86.330 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115121.D
 Acq: 22 Jun 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 M-2(0-10)

Tot Ion: 82 Resp: 1453129
 Ion Ratio Lower Upper
 82 100
 128 50.4 40.4 60.6
 54 47.6 37.5 56.3

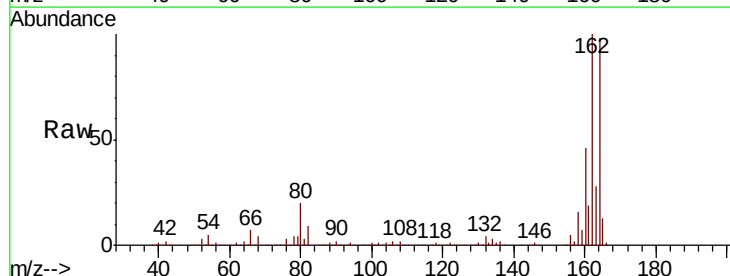


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

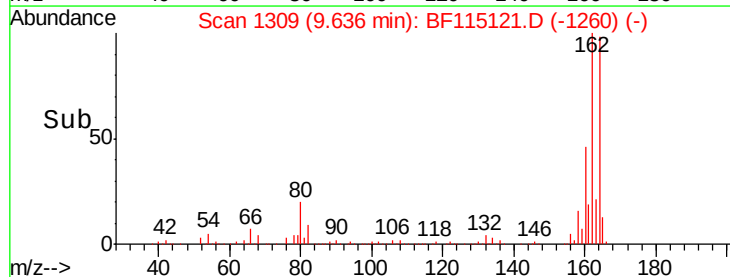
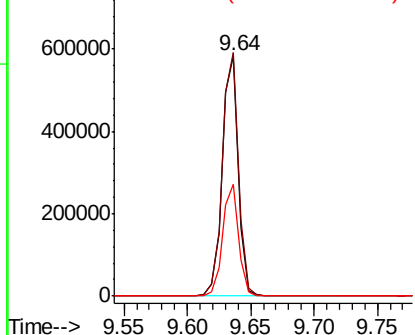


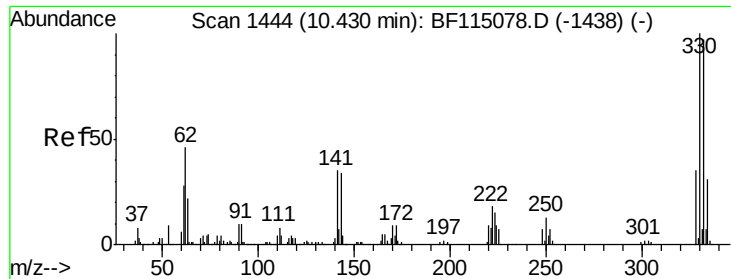
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115121.D
 Acq: 22 Jun 2019 15:30

Tgt Ion:164 Resp: 513097
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.7 122.5
 160 46.6 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: 100.859 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

Instrument :

BNA_F

ClientSampleId :

M-2(0-10)

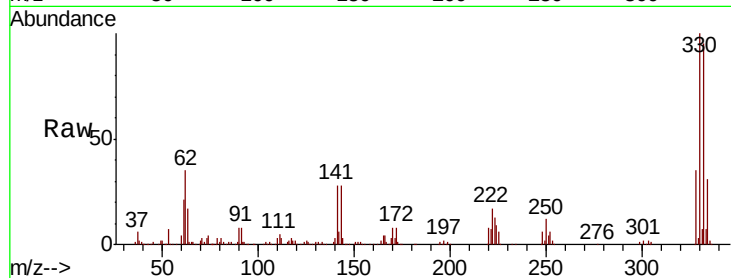
Tot Ion:330 Resp: 545728

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

141 33.3 28.2 42.2

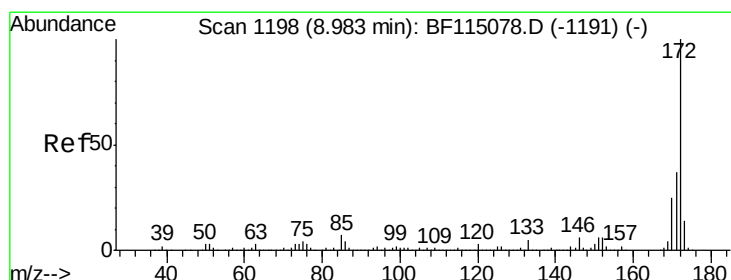
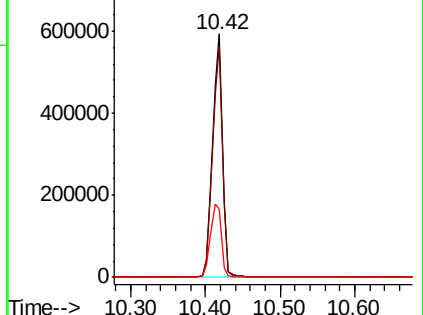
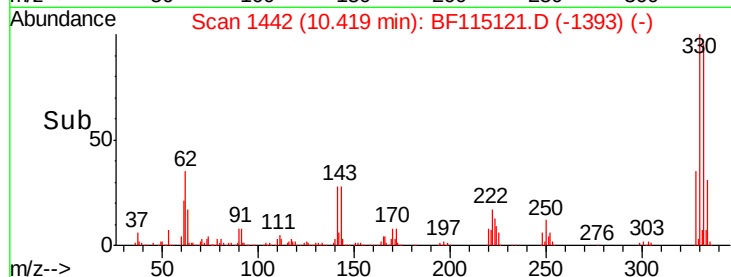


Abundance

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: 77.893 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

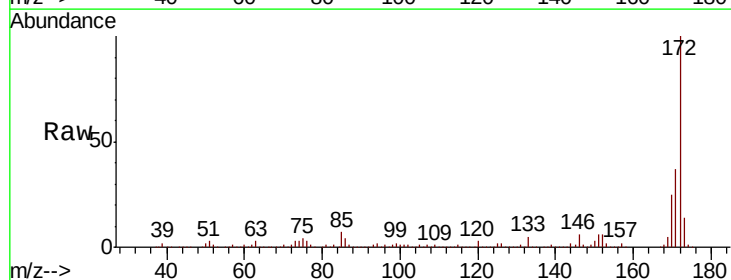
Tgt Ion:172 Resp: 2352882

Ion Ratio Lower Upper

172 100

171 37.0 29.8 44.6

170 25.4 20.3 30.5

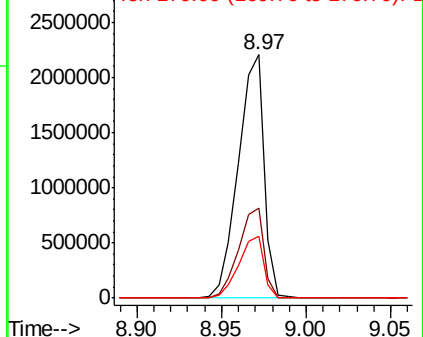
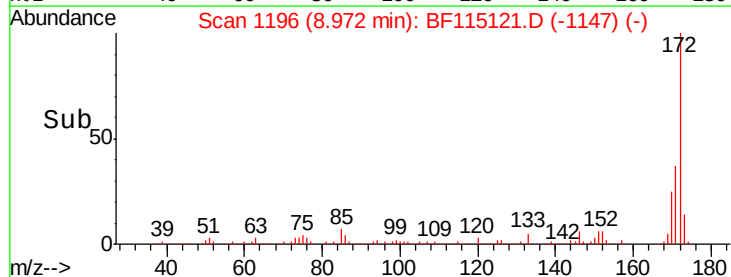


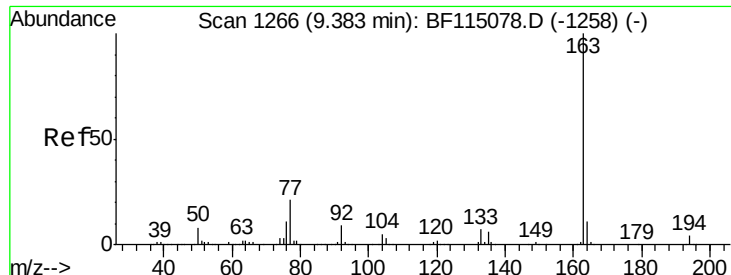
Abundance

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

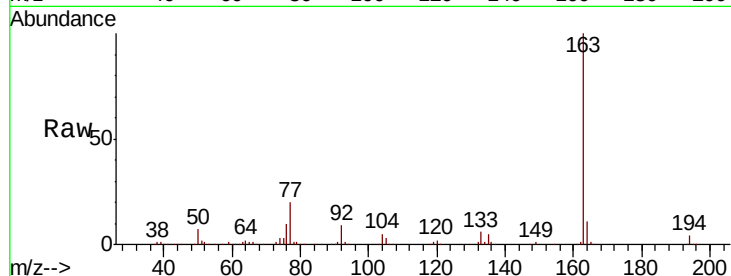




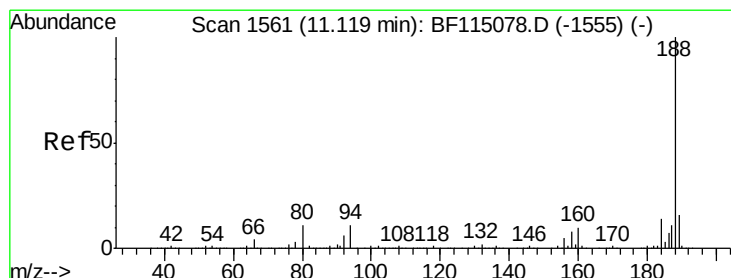
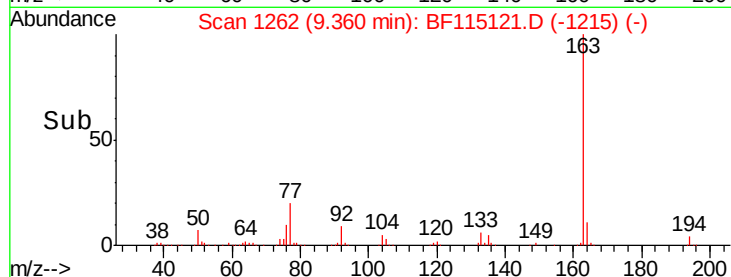
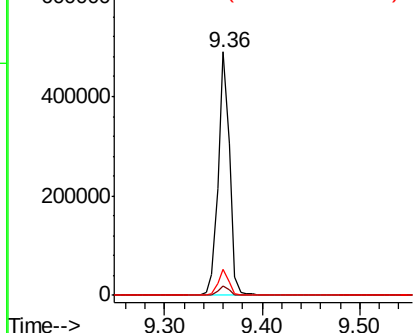
#50
Dimethylphthalate
Concen: 10.435 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

Instrument :
BNA_F
ClientSampleId :
M-2(0-10)

Tot Ion:163 Resp: 393928
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.6 8.6 13.0

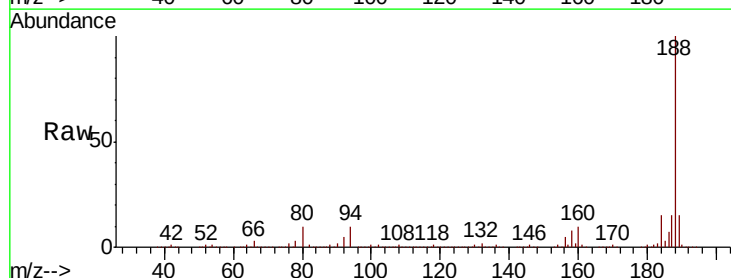


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

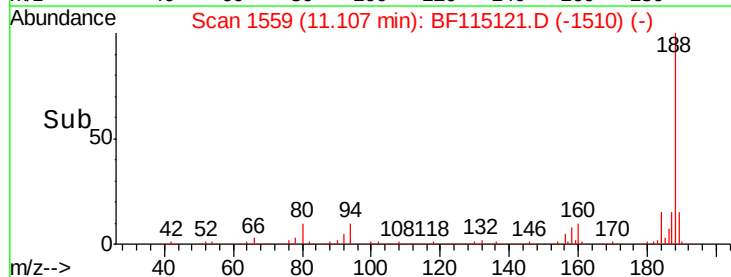
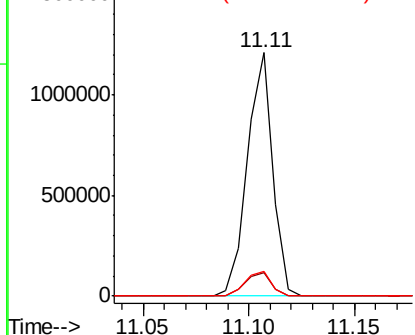


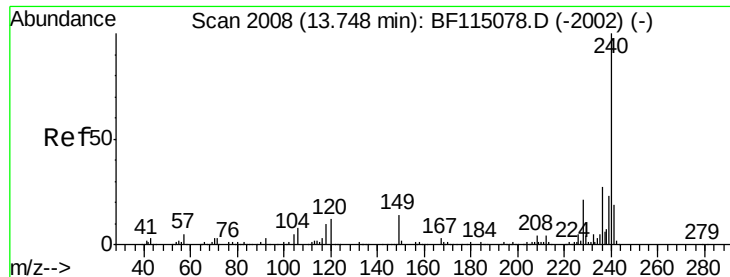
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

Tgt Ion:188 Resp: 1006926
Ion Ratio Lower Upper
188 100
94 9.5 8.6 12.8
80 9.9 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

Instrument :

BNA_F

ClientSampleId :

M-2(0-10)

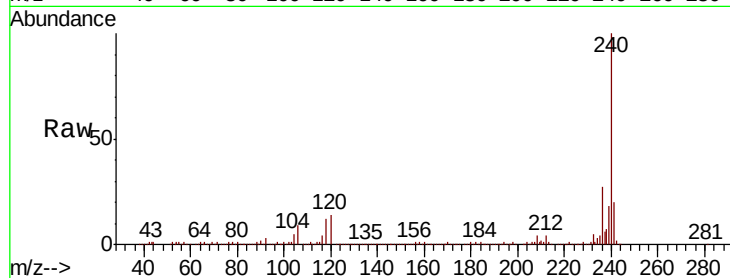
Tot Ion:240 Resp: 670653

Ion Ratio Lower Upper

240 100

120 13.8 9.4 14.2

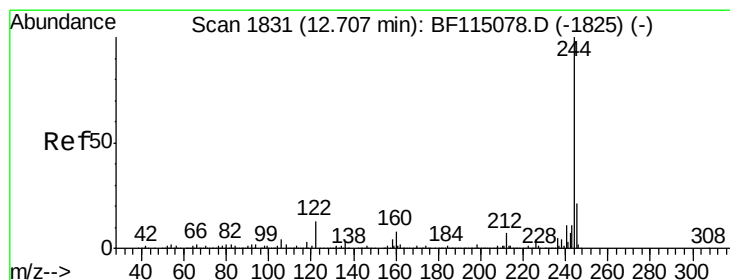
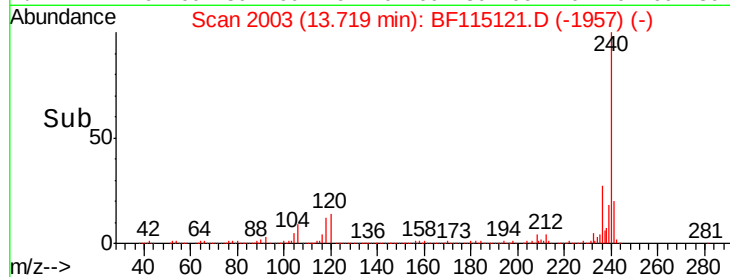
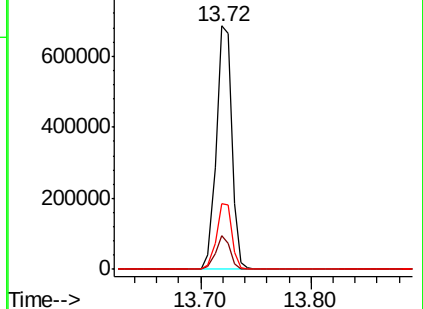
236 26.8 21.7 32.5



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



#79

Terphenyl-d14

Concen: 79.553 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115121.D

Acq: 22 Jun 2019 15:30

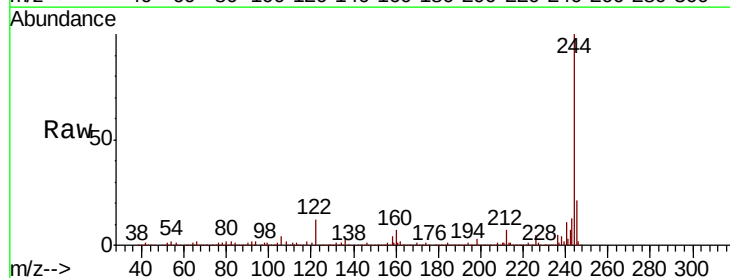
Tgt Ion:244 Resp: 2509342

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

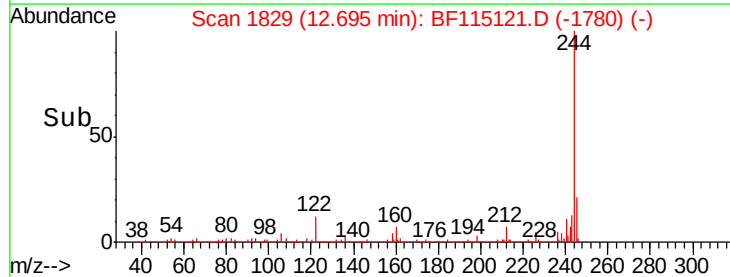
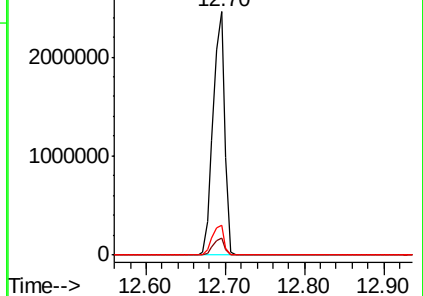
122 12.1 10.4 15.6

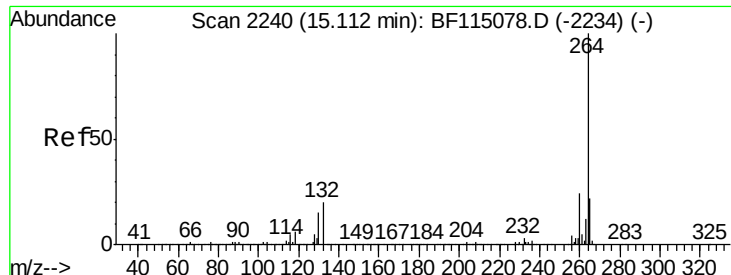


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115121.D
Acq: 22 Jun 2019 15:30

Instrument :
BNA_F
ClientSampleId :
M-2(0-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.8	17.3	25.9

