

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115131.D
 Acq On : 22 Jun 2019 19:57
 Operator : HP/JU
 Sample : K3470-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6

Quant Time: Jun 24 05:46:54 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

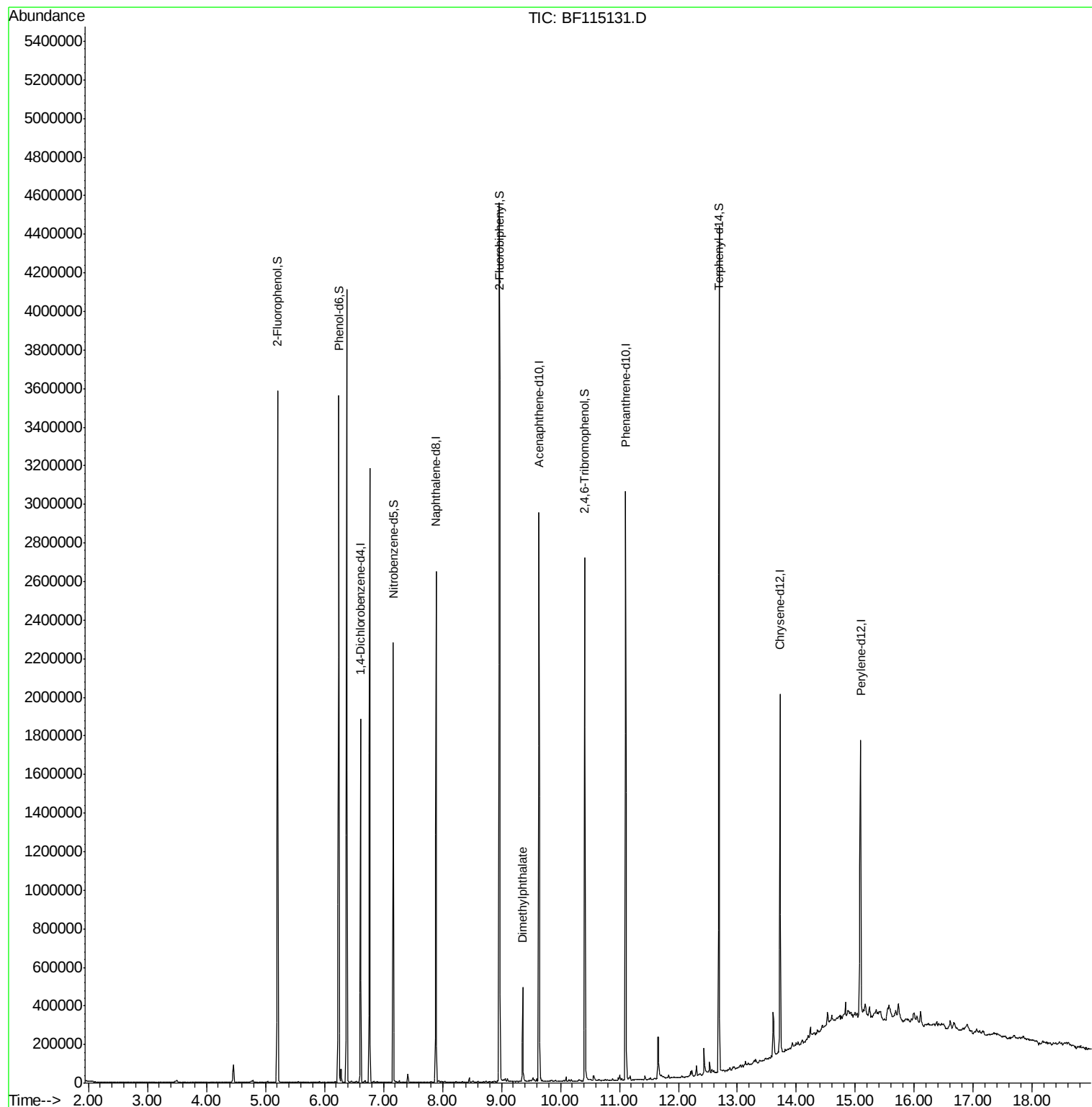
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	282844	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1096649	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	530794	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	999571	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	598228	20.00	ng	-0.02
87) Perylene-d12	15.09	264	622884	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1059795	57.82	ng	0.00
7) Phenol-d6	6.24	99	1357634	61.03	ng	-0.01
23) Nitrobenzene-d5	7.17	82	771739	43.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	308457	55.11	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1396657	44.70	ng	-0.02
79) Terphenyl-d14	12.69	244	1423998	50.61	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.36	163	173022	4.431	ng	Qvalue 98

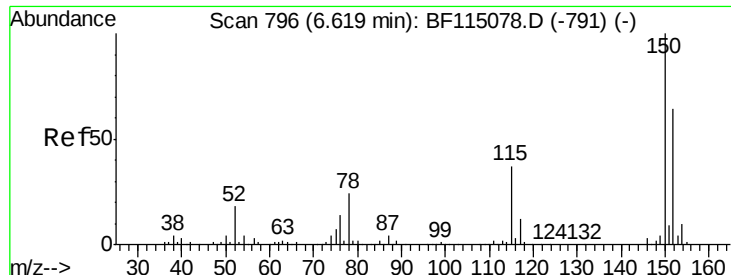
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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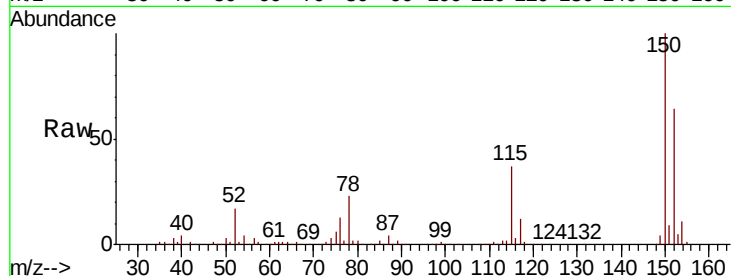


#1

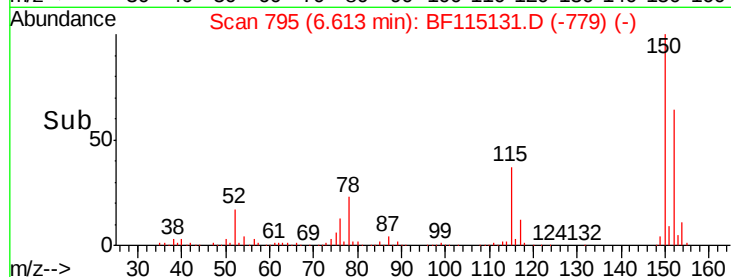
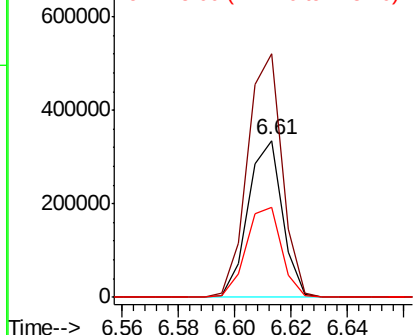
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Tot Ion:152 Resp: 282844
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.2
115 57.0 46.1 69.1



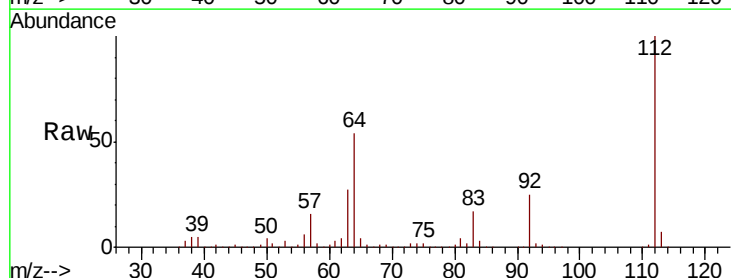
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



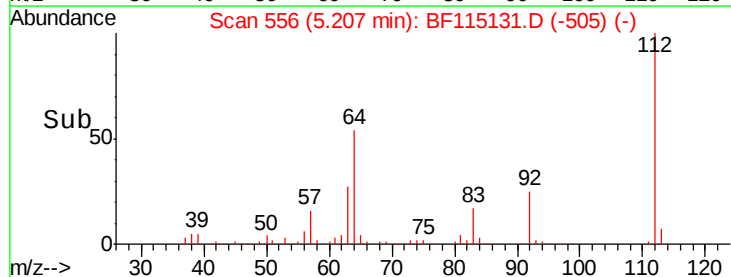
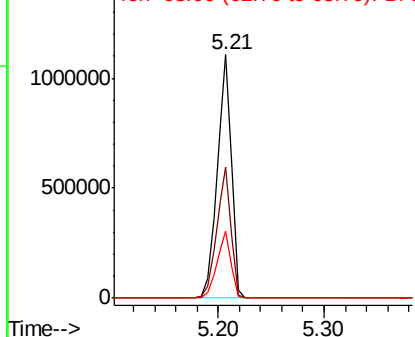
#5

2-Fluorophenol
Concen: 57.821 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Tgt Ion:112 Resp: 1059795
Ion Ratio Lower Upper
112 100
64 53.8 43.8 65.6
63 27.3 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: 61.026 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

Instrument :

BNA_F

ClientSampleId :

SAMPLE-6

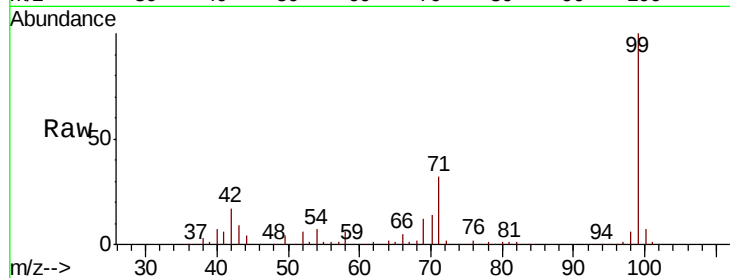
Tot Ion: 99 Resp: 1357634

Ion Ratio Lower Upper

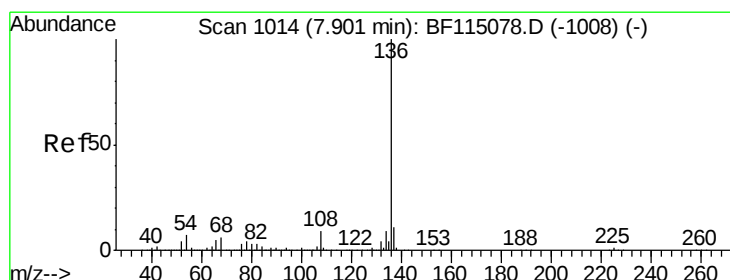
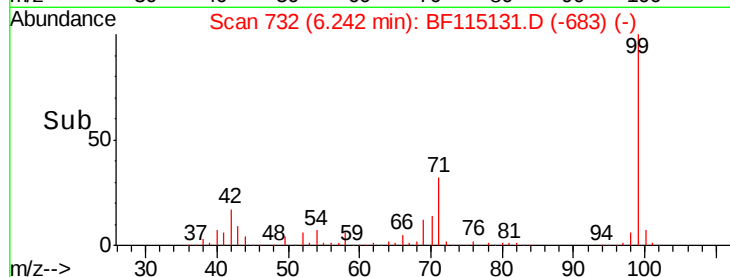
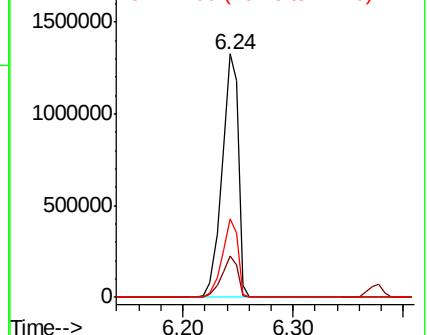
99 100

42 17.0 13.6 20.4

71 32.1 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: BF115131.D

Acq: 22 Jun 2019 19:57

Tgt Ion: 136 Resp: 1096649

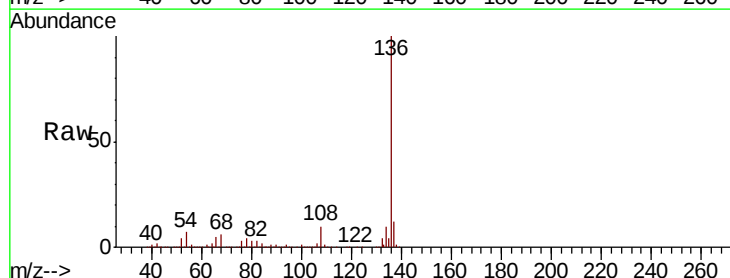
Ion Ratio Lower Upper

136 100

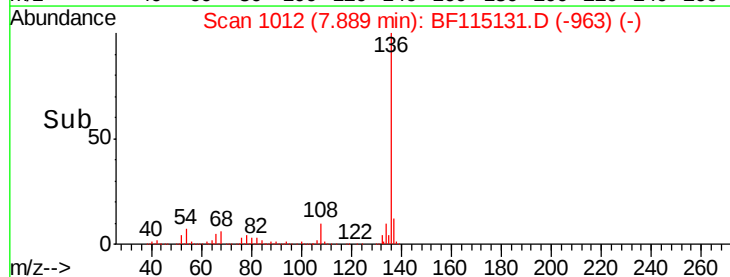
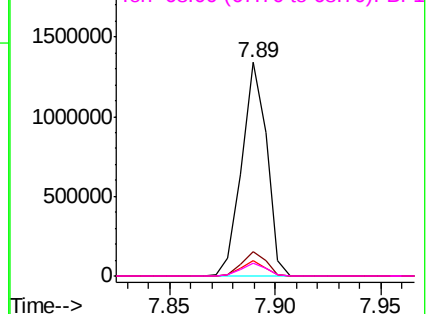
137 11.6 8.9 13.3

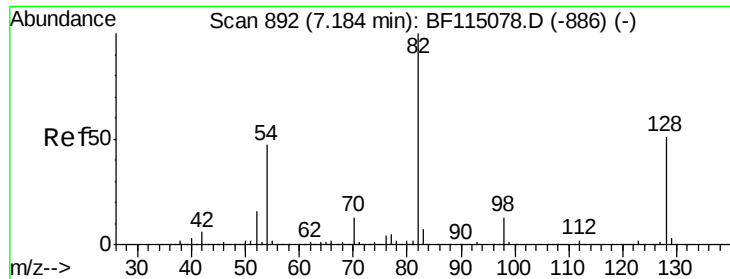
54 7.3 5.6 8.4

68 6.2 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

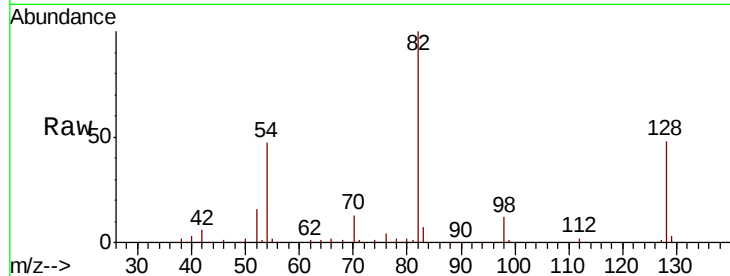




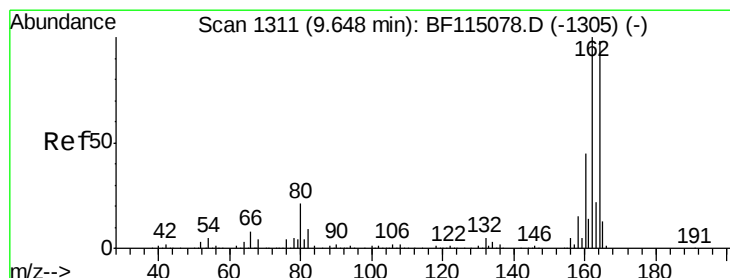
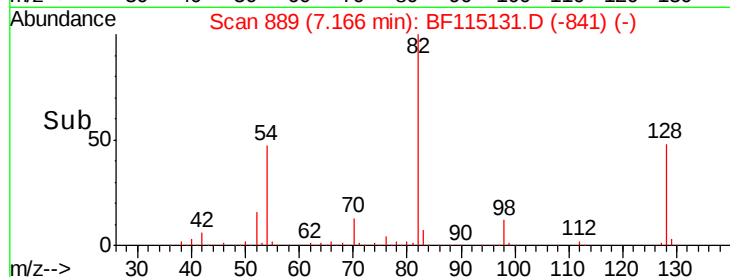
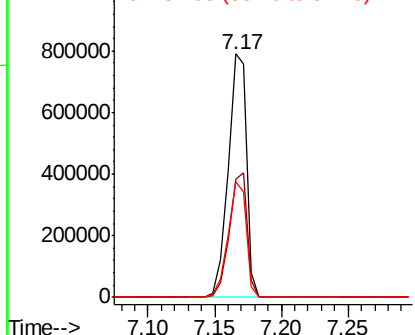
#23
Nitrobenzene-d5
Concen: 43.290 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Tot Ion: 82 Resp: 771739
Ion Ratio Lower Upper
82 100
128 48.4 40.4 60.6
54 47.5 37.5 56.3

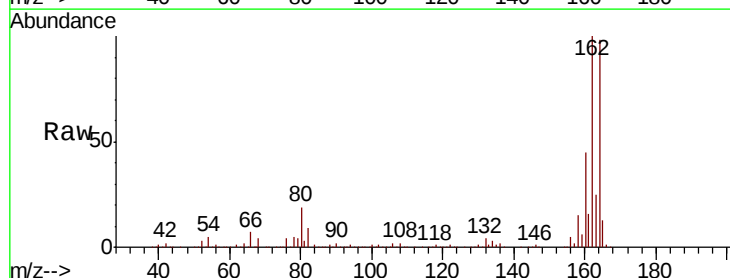


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

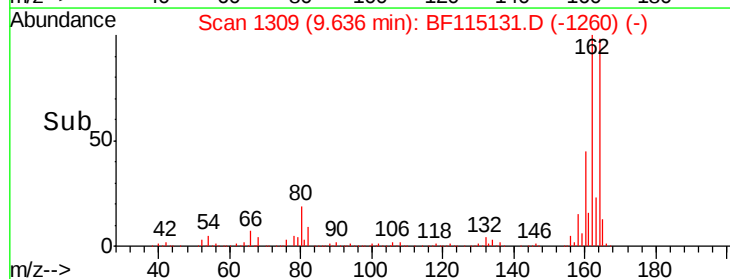
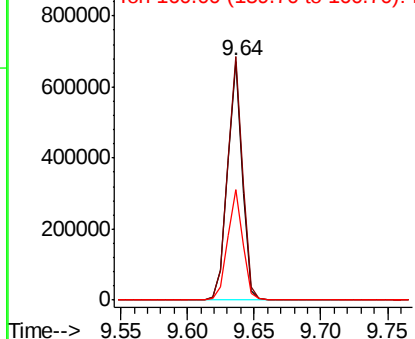


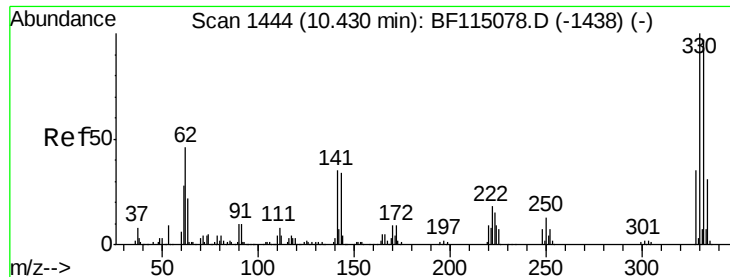
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Tgt Ion:164 Resp: 530794
Ion Ratio Lower Upper
164 100
162 102.0 81.7 122.5
160 46.3 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: 55.107 ng

RT: 10.41 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

Instrument :

BNA_F

ClientSampleId :

SAMPLE-6

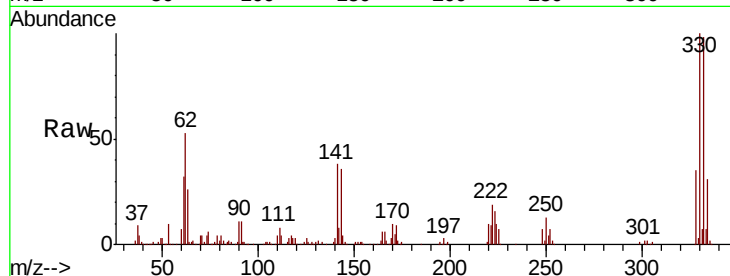
Tot Ion:330 Resp: 308457

Ion Ratio Lower Upper

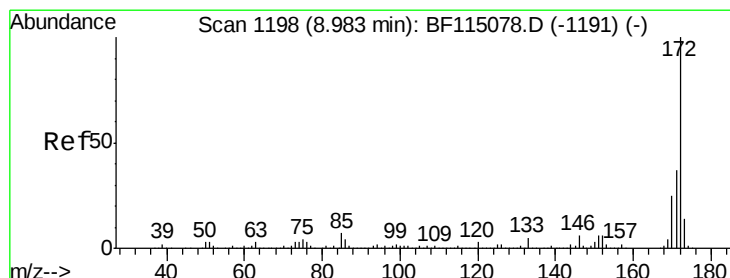
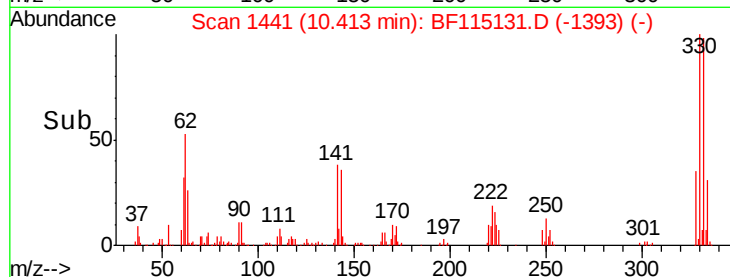
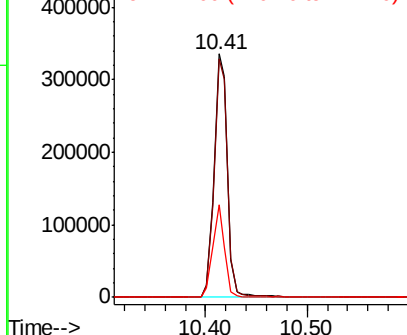
330 100

332 98.2 77.3 115.9

141 34.4 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: 44.695 ng

RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

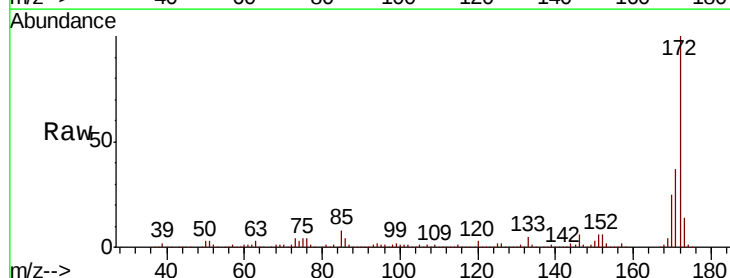
Tgt Ion:172 Resp: 1396657

Ion Ratio Lower Upper

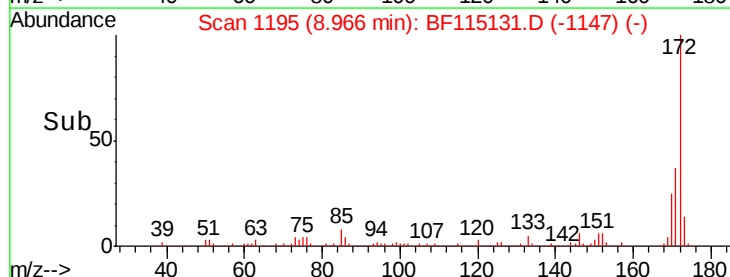
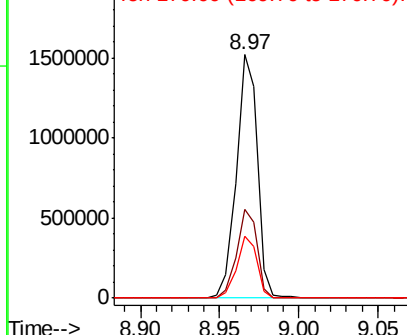
172 100

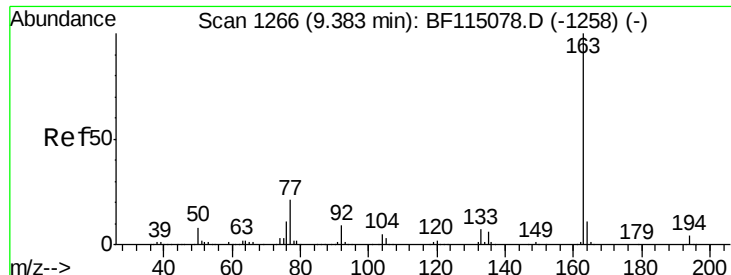
171 36.6 29.8 44.6

170 25.3 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

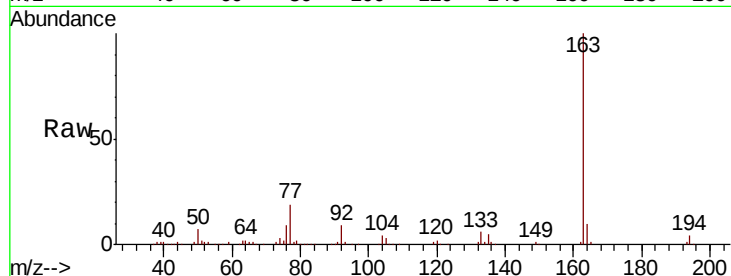




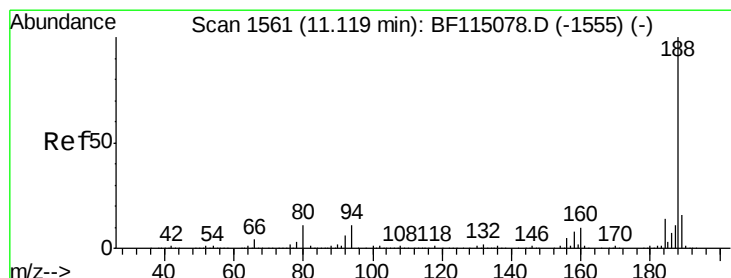
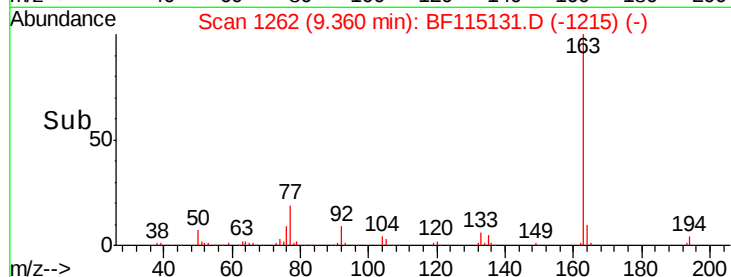
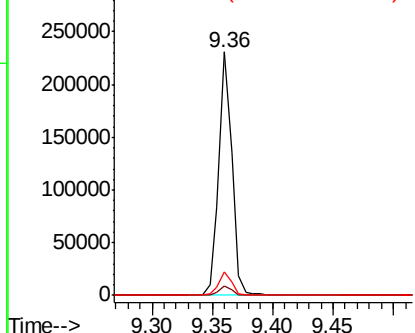
#50
Dimethylphthalate
Concen: 4.431 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6

Tot Ion:163 Resp: 173022
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.8 8.6 13.0

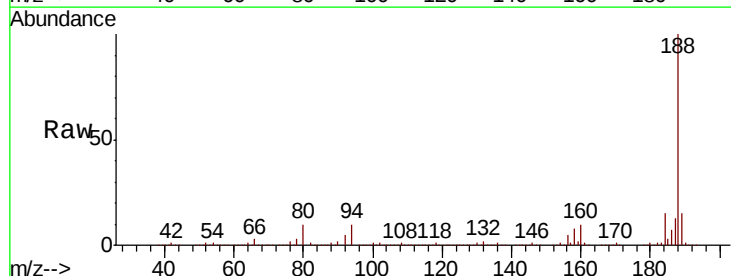


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

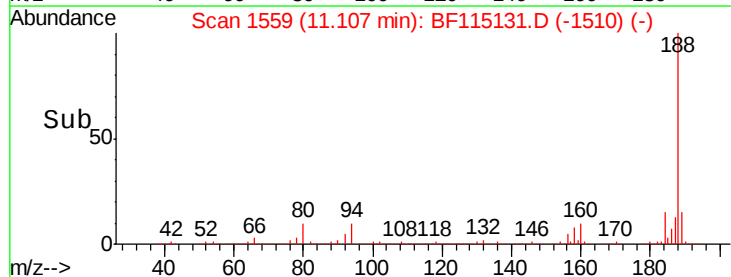
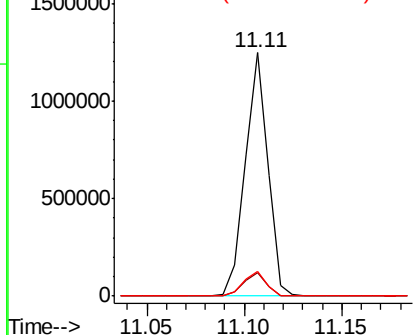


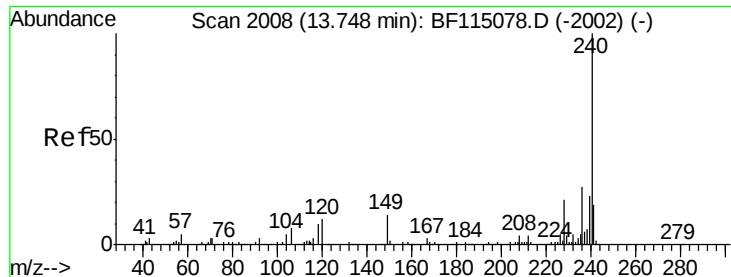
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115131.D
Acq: 22 Jun 2019 19:57

Tgt Ion:188 Resp: 999571
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 10.3 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# 2004

Delta R.T. -0.02 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

Instrument :

BNA_F

ClientSampleId :

SAMPLE-6

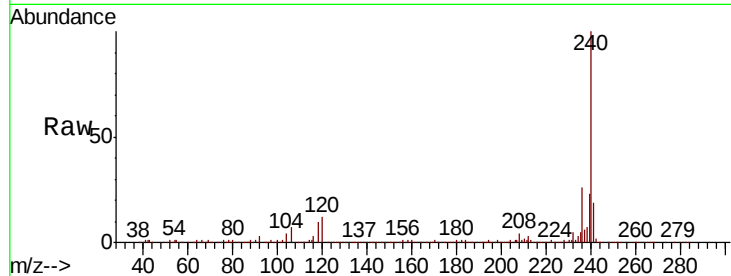
Tot Ion:240 Resp: 598228

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

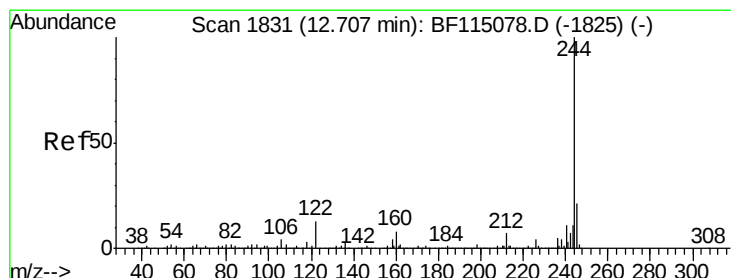
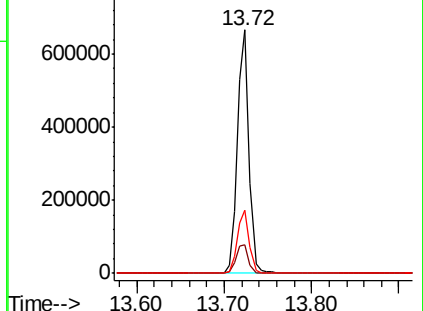
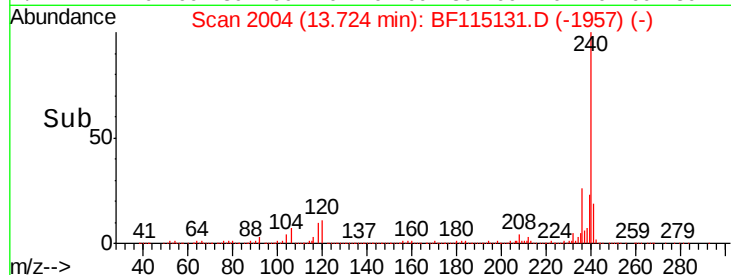
236 26.0 21.7 32.5



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: 50.610 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115131.D

Acq: 22 Jun 2019 19:57

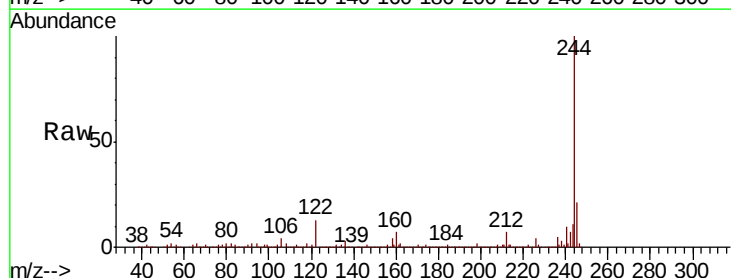
Tgt Ion:244 Resp: 1423998

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

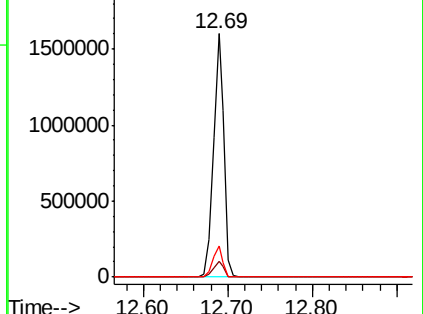
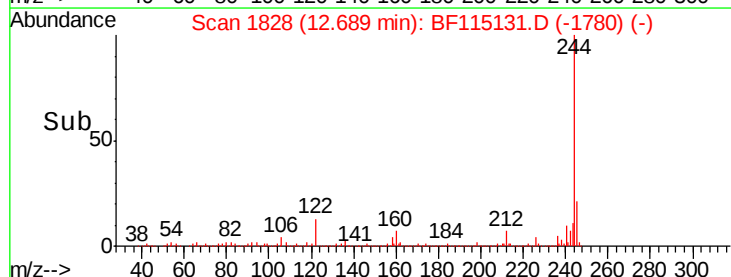
122 12.6 10.4 15.6

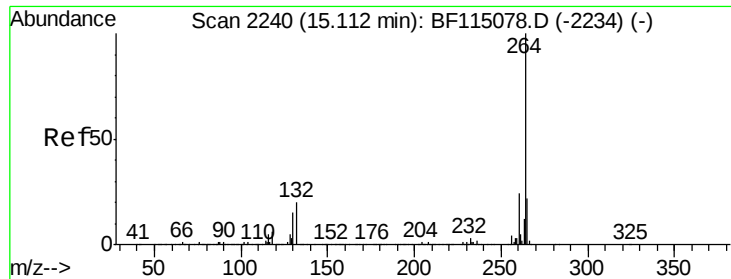


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115131.D
 Acq: 22 Jun 2019 19:57

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6

Tot Ion:	264	Resp:	622884
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.2	17.3	25.9

